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10.5
4

# INVENTORY OF INFORMATION AVAILABLE IN

# OFFICE OF WYOMING STATE LAND SPECIALIST

MAPS ON TRACING CLOTH SHOWING:

Problem Areas and Resettlement Areas (To be revised)

Ownership pattern by Resident, Non-Resident, Corporate, County, State and Federal on township plats, scale 2" equals 1 mile (Tracing paper) and by scale 1/2" equals 1 mile for the Counties of:

- Albany
- Big Horn (incomplete)
- Campbell
- Carbon
- Converse
- Crook
- Fremont
- Goshen
- Hot Springs (incomplete)
- Johnson
- Laramie
- Lincoln
- Natrona
- Niobrara
- Park (incomplete)
- Platte (incomplete)
- Sheridan
- Sublette
- Sweetwater
- Teton
- Uinta
- Washakie
- Weston

Goshen and Campbell counties available on scale 1:500,000.

U.S.D.I. Land Classification, scale 1/2" equals 1 mile for counties of:

- Campbell
- Crook
- Goshen
- Johnson
- Laramie
- Niobrara
- Platte
- Sheridan
- Uinta
- Washakie
- Weston

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Drainage Basins of Wyoming

Distribution of Salts in Wyoming Rocks

Geological Maps of:

- Northeastern Wyoming
- Carbon County (by township--compiled by Geological Dept. of Uni.)
- Showing approximate distribution of Cretaceous and Eocene shales (Indication of Sources of Alkali)

Maps of Wyoming showing:

- Minor Civil Divisions
- School districts
- Railroads, Highways, Rivers, Indian Reservations

Seasonal Grazing Areas

Type of Farming Areas

Livestock Grazing Areas showing Carrying Capacity by counties (compiled by Agr. Experiment Station)

Rainfall Contours

Variation in Precipitation of important stations

Areas in State included in Soil Survey

Areas showing Soil types included in North Platte Pumping Project

La Prele Irrigation System

Map showing Land Tax Delinquent sometime during the period 1928 to 1933 (approximate)

Maps showing Soil Survey for: (Area covered to date)

- Belle Fourche Canal
- Casper-Alcova
- Eden Valley
- Fremont County (2" - 1 mile)
- Morton Ranch
- Sheridan County (part 2" - 1 mile)
- Uinta County
- Wheatland area
- Shoshone area
- Basin area

Negatives 8 by 10 inches and on a scale of about 1:1,000,000 showing:

Type of Farming Characteristics

- First Dominant Type
- Second Dominant Type
- Self Sufficing
- Crop Speciality
- Part Time
- General
- Livestock

Irrigated Land

Other Information Available:

Indexes of Land by Counties (4Counties incomplete) showing ownership Land Classification and Valuation alphabetically by name and chronologically by township and range.

Tabulations of Census data showing by counties

Gross Income

- Distribution of gross income from specified source by type-of-farm 1929
- Average per Farm from products sold, traded, held for sale and used by operator's family, by type-of-farm, 1929.
- Percentage of Gross Income of each type-of-farm derived from specific sources in 1929.

County summaries of Ownership by size of ownership from

- 0 to 80 acres
- 81 to 160 "
- 161 to 320 "
- 321 to 480 "
- 481 to 640 acres
- 641 to 960 "
- above 960 acres

also showing number of owners and acreage of irrigated land and number

and acres of State leased land by above size groups.

Summary of tax delinquency 1928-1933 for counties of:

Albany
Big Horn
Carbon
Converse
Crook
Fremont
Goshen
Hot Springs
Johnson
Laramie
Lincoln
Natrona
Niobrara
Park
Platte
Sheridan
Sublette
Sweetwater
Teton
Uinta
Washakie

Summary of Farm Real Estate tax sale and Tax Deed, 1928-1933, for the counties:

Albany
Big Horn
Campbell
Fremont
Goshen
Natrona
Laramie
Uinta

Summary of Farm Real Estate Transfer for problem area in Campbell County

Tabulation of all rainfall data available from weather records.

Report of the Cooperative Project in Regional Agricultural Planning for Wyoming

## FOREWORD

This report indicates the extent and the kind of information, data and material that is available at the Office of the State Land Planning Specialist for Wyoming, which has a bearing on the various phases of Land Use Planning. The written statement preceding the maps is intended to briefly describe the conditions under which the data and material were compiled and the limitations of use. Additional information will be submitted as it is developed, concurrently with the monthly progress reports. As these index maps become available they should be included as a part of this general report.

H. W. Pearson

State Land Planning Specialist

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ADJUSTMENTS IN AGRICULTURE as determined by
Regional Project of A.A.A. cooperative with
the Dept. of Agricultural Economics of the
University of Wyoming.

I. Data assembled by Dept. of Agricultural Economics of the University of Wyoming and B.A.E. of the U.S.D.A. during the period from May to October 1935.

Resettlement Administration supplied no aid toward original compilations.

II. Objectives and Use

The general objective of this study was to determine the number of livestock, the kinds of crops and the cropping program that will maintain soil productivity, control erosion and permit sound farm and ranch management practices.

The Census of 1929 was used as a base. The suggestions made are thought to fulfil the requirements of sound farm management practice and apply to the eastern part of the state wherein dry farming is an important agricultural enterprise. The data is and has been of value in giving direction to suggestions for land use adjustments.

SOUTHEASTERN AREA - WYOMING

DRY FARMING

| Use of Dry Farming Crop Land | 1929 County | | | | | 1935 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Albany | Goshen | Laramie | Platte | Total | Albany | Goshen | Laramie | Platte | Area Total |
| Harvested | 8584 | 172925 | 193769 | 99482 | 474760 | 7400 | 150800 | 182500 | 95600 | 436300 |
| Small Grain - Total# | 553 | 105583 | 118450 | 66163 | 290749 | | 79000 | 88000 | 55500 | 222500 |
| Winter Wheat | | 52349 | 29589 | 18133 | 100071 | 33.160 | 35000 | 20000 | 20000 | 75000 |
| Summer Fallow & Idle | 7020 | 30752 | 24091 | 15339 | 77202 | | 35000 | 20000 | 20000 | 75000 |
| Spring Wheat | 116 | 16531 | 30309 | 27199 | 74155 | 17.275 | 8000 | 15000 | 16000 | 39000 |
| Oats | 229 | 12905 | 16726 | 8478 | 38338 | | 13000 | 17000 | 8500 | 38500 |
| Barley | 112 | 18027 | 32880 | 8648 | 48667 | | 20000 | 21000 | 10000 | 51000 |
| Rye | 96 | 3437 | 17794 | 828 | 22155 | | 3000 | 15000 | 1000 | 19000 |
| Flax | | 572 | 1244 | 871 | 2687 | | | | | |
| All Others | | 1762 | 908 | 2006 | 4676 | | | | | |
| Row Tilled Crops - Total | 201 | 35420 | 44222 | 14145 | 93988 | | 41800 | 70000 | 24000 | 135800 |
| Corn | 1 | 29728 | 37974 | 12422 | 80125 | | 34800 | 53000 | 21500 | 109300 |
| Sorghum | | | 1134 | | 1134 | | | | | |
| Beans | | 2074 | 1511 | 895 | 4480 | | 2000 | 2000 | 1000 | 5000 |
| Potatoes | 200 | 3618 | 3603 | 828 | 8249 | | 5000 | 15000 | 1500 | 21500 |
| Hay Crops - Total | 7581 | 23944 | 23994 | 15221 | 70740 | 7400 | 24000 | 24000 | 15800 | 71200 |
| Alfalfa | 306 | 5068 | 2733 | 3378 | 11485 | 300 | 5000 | 2500 | 4000 | 11800 |
| Tame Grass and Clover | 530 | 2256 | 4529 | 841 | 8156 | 500 | 2200 | 4000 | 800 | 7500 |
| Wild Grass | 6116 | 12996 | 5483 | 7021 | 31616 | 6000 | 13000 | 5500 | 7000 | 31500 |
| Small Grain | 583 | 3595 | 11249 | 3981 | 19408 | 600 | 3800 | 12000 | 4000 | 20400 |
| All Others | 46 | 29 | | | 75 | | | | | |
| Misc. Crops - Total | 249 | 7978 | 7103 | 3953 | 19283 | | 6000 | 500 | 300 | 6800 |
| Seed Crops | | 5772 | 52 | 293 | 6117 | | | | | |
| Sweet Clover Past. | | | | | | | 6000 | | 300 | 500 |
| All Others | 249 | 2206 | 7051 | 3660 | 13166 | | | 500 | | 500 |
| Revert to Grazing Land - Seeded to permanent grasses | | | | | | | | | | 66702 |
| Crop Failure | 608 | 11573 | 21981 | 8926 | 43088 | | | | | 17048 |
| Crop Land | 16212 | 215250 | 239341 | 123747 | 595050 | | | | | |
| | | | | | 595050 | | | | | 595050 |

# Does not include Summer Fallow.

ADJUSTED

| | Campbell | Converse | Crook | Johnson | Natrona | Niobrara | Sheridan | Weston | Total |
|---|---|---|---|---|---|---|---|---|---|
| Total | 137200 | 42700 | 95000 | 22700 | 5750 | 85500 | 49100 | 47500 | 485450 |
| Small Grain - Total | 55500 | 19000 | 29500 | 7000 | 1250 | 30000 | 20000 | 23100 | 185350 |
| Winter Wheat | 17000 | 4000 | 7000 | 500 | 250 | 6000 | 6000 | 9000 | 49750 |
| Summer Fallow | 17000 | 4000 | 7000 | 500 | 250 | 6000 | 6000 | 9000 | 49750 |
| Spring Wheat | 10500 | 5000 | 6000 | 3000 | | 4000 | 6000 | 3000 | 37500 |
| Oats | 20000 | 6500 | 8000 | 2000 | 900 | 11000 | 3000 | 6000 | 57400 |
| Barley | 6000 | 3500 | 8000 | 1500 | | 6000 | 5000 | 4500 | 34500 |
| Rye | 2000 | | 500 | | 100 | 3000 | | 600 | 6200 |
| Flax | | | | | | | | | |
| All Others | | | | | | | | | |
| Row-tilled - Total | 31000 | 11000 | 11500 | 3500 | 1000 | 11500 | 5000 | 8500 | 83000 |
| Corn | 30000 | 10000 | 11000Ø | 3300 | 700 | 10000 | 4000 | 8000 | 77000 |
| Beans | 500 | 300 | 200 | 100 | | | 600 | 250 | 1950 |
| Potatoes | 500 | 700 | 300 | 100 | 300 | 1500 | 400 | 250 | 4050 |
| All Others | | | | | | | | | |
| Hay Crops - Total | 45700 | 12500 | 52000 | 12200 | 3500 | 40000 | 22500 | 15500 | 203900 |
| Alfalfa | 19000 | 3000 | 27000 | 45000 | 1600 | 16000 | 12000 | 5000 | 88100 |
| Tame Grass & Clover | 1700 | 1000 | 6000 | 3000 | 300 | 4000 | 3000 | 4000 | 23000 |
| Wild Grass | 20500 | 6000 | 13000 | 2700 | 1100 | 15000 | 6000 | 5000 | 69300 |
| Small Grain | 4500 | 2500 | 6000 | 2000 | 500 | 5000 | 1500 | 1500 | 23500 |
| All Other | | | | | | | | | |
| Misc. Crops - Total | 5000 | 200Ø | 2000 | | | 4000 | 1600 | 400 | 13200 |
| Dry Peas | | | | | | | | | |
| Seed Crops (Alfalfa) | 5000 | 200 | 2000 | | | 4000 | 1600 | 400 | 13200 |
| All Others | | | | | | | | | |
| Crop Failure | | | | | | | | | 30000 |
| Revert to Grazing | | | | | | | | | 98042 |
| | | | | | | | | | 663242 |

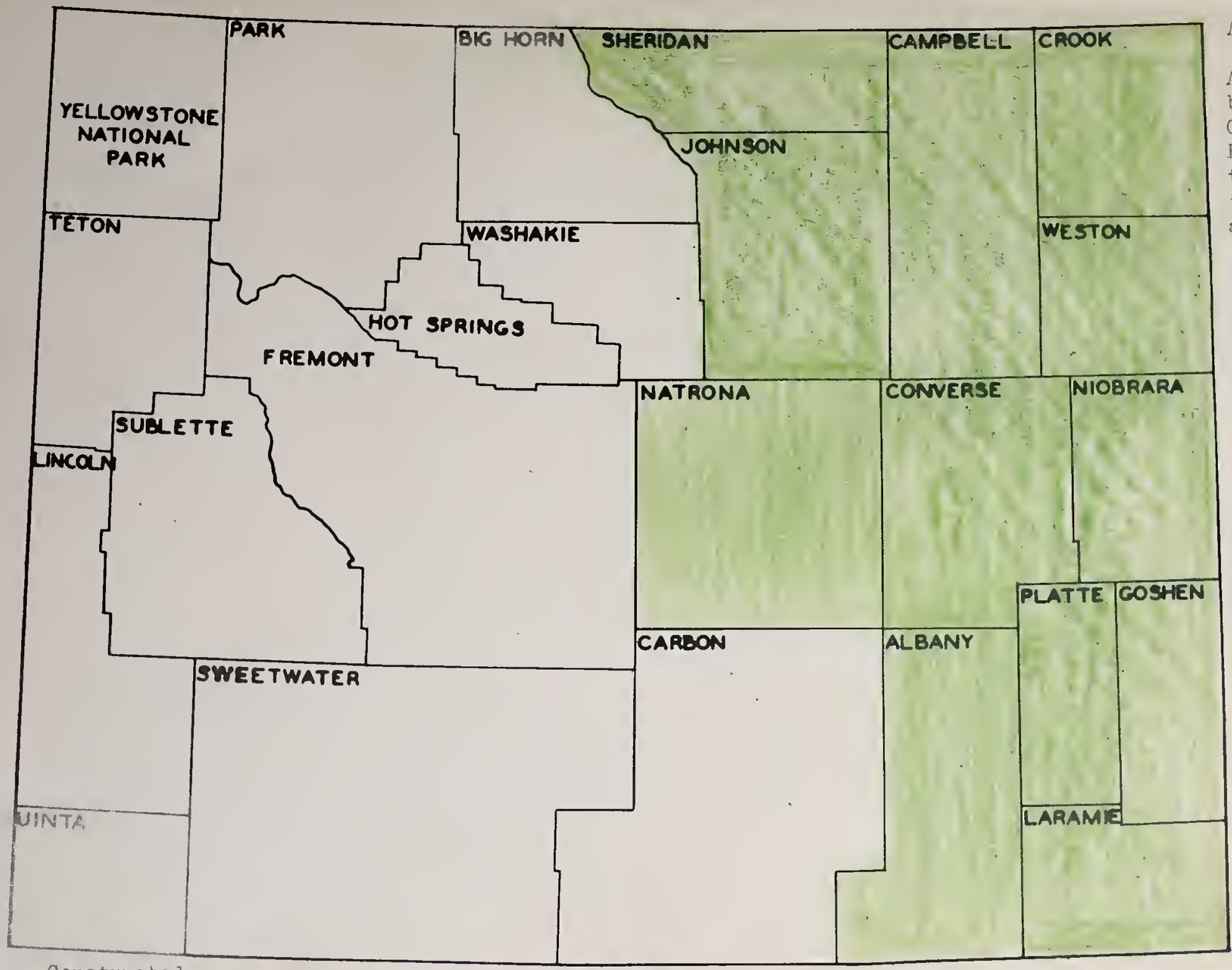
19 BASE

| | Campbell | Converse | Crook | Johnson | Natrona | Niobrara | Sheridan | Weston | Total |
|---|---|---|---|---|---|---|---|---|---|
| Total | 159296 | 51597 | 110054 | 21469 | 6436 | 95449 | 55373 | 51495 | #551169 |
| Small grain - Total | #78147 | 25669 | 47185 | 8063 | 1696 | 38076 | 26194 | 30853 | 255883 |
| Winter Wheat | 5261 | 2775 | 7280 | | 255 | 2500 | 3452 | 5517 | 27040 |
| Summer Fallow | 22838 | 5415 | 11784 | 6164 | 949 | 9516 | 7026 | 8843 | 72625 |
| Spring Wheat | 36491 | 11390 | 11102 | 4168 | 161 | 14105 | 13810 | 11201 | 102428 |
| Oats | 19098 | 7335 | 8981 | 2107 | 894 | 11024 | 3212 | 6063 | 58714 |
| Barley | 5836 | 3295 | 8563 | 1729 | 18 | 5652 | 5153 | 4145 | 34191 |
| Rye | 1382 | 334 | 740 | | 368 | 3263 | | 614 | 6701 |
| Flax | 7232 | 540 | 2849 | 59 | | 1532 | 350 | 2408 | 14970 |
| All Others | 2847 | | 7870 | | | | 217 | 905 | 11839 |
| Row-tilled - Total | 28683 | 9702 | 7748 | 2891 | 774 | 10966 | 3439 | 7457 | 71660 |
| Corn | 28222 | 9046 | 7389 | 2671 | 647 | 9467 | 2637 | 6784 | 11839 |
| Beans | 90 | | 27 | 111 | | | 534 | 102 | 864 |
| Potatoes | 371 | 656 | 332 | 109 | 127 | 1499 | 268 | 300 | 3662 |
| All Others | | | | | | | | 271 | 271 |
| Hay Crops - Total | 46481 | 14683 | 52208 | 9727 | 3794 | 40855 | 22409 | 11264 | 201421 |
| Alfalfa | 18623 | 3335 | 26620 | 4433 | 1631 | 16243 | 11951 | 535 | 83371 |
| Tame Grass & Clover | 1694 | 1763 | 5797 | 688 | 307 | 3857 | 2744 | 3848 | 20698 |
| Wild Grass | 20494 | 6182 | 13413 | 2679 | 1075 | 15349 | 6130 | 4043 | 70365 |
| Small Grain | 5670 | 3121 | 6378 | 1802 | 781 | 5391 | 1533 | 1909 | 26585 |
| All Others | | 282 | | 125 | | 15 | 51 | 29 | 502 |
| Misc. Crops - Total | 5985 | 1543 | 2913 | 788 | 172 | 5552 | 3331 | 1921 | 22205 |
| Dry Peas | | 246 | | | | | | | 246 |
| Seed Crops (Alfalfa) | 3317 | 207 | 1903 | 263 | | 2535 | 1679 | 409 | 11313 |
| All Others | 2668 | 2090 | 1010 | 525 | 172 | 2017 | 1652 | 1512 | 10646 |
| Crop Failure | | | | | | | | | 39448 |

# Does not include summer Fallow.

663242

# WYOMING




ADJUSTMENTS IN AGRICULTURE AS determined by the regional Cooperative Project cooperative with A.A.A. in dry farming area.

Constructed October 1936

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 1

Page 3

ADJUSTMENTS IN AGRICULTURE as determined
by the State Land Planning Specialist.

I. Data assembled by State Land Planning Specialist during the period March to July 1936.

Activity was largely the work of State Land Planning Specialist.

II. Objective and Use

This study was carried out primarily in response to L.U. 30. Suggestions for desirable land use adjustment in the most critical problem areas were made. The definition, kind of problems and their location were determined. Considerable suggestions in regard to the desirable relationship between the people and the national resources were made. The study was concerned with the area largely in eastern Wyoming wherein dry farming is an important agricultural enterprise. It is thought that the information compiled is sufficient to substantiate the need for a land use adjustment program -- the problem being concerned with the relocation of farmers now on submarginal crop land, increasing the size of farms to more nearly approach an economic unit, encouraging the production of additional forage crops as supplementary feed for livestock and a more general conservative stocking of the range.

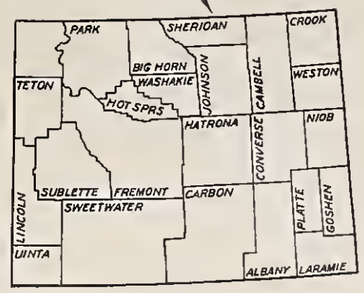
IDENTIFICATION MAP

# WYOMING, 1931

Area within the region best adapted to commercial grain production Estimate 10 per cent of the farms should be replaced by stock ranches and/or increased in size.

Area within the region not generally well adapted to commercial grain rpoduction. Estimate 50 to 75 per cent of the farms producing commercial grain should be replaced by farms producing forage crops to be fed to livestock. Approximately 40 percent of the farms involved in this change would be increased in size in order to represent an average economic unit.

Key to counties




Areas within which it is estimated that 90-100 per cent of dry land commercial grain production should be replaced by feed crop production which is as a supplement to forage on the range.

Area which includes organized irrigated farming and range lands.

0 10 20 30 40 MILES

Acquisition Area

U.S. DEPARTMENT OF AGRICULTURE

(THIS MAP TO BE USED WITH 1930 CENSUS DATA)

Map Index No. 2

NEG. 24637-B BUREAU OF AGRICULTURAL ECONOMICS

ECONOMIC SURVEYS -- RANGE MANAGEMENT

I. Original data, statistical tables, general and specific analysis, in the form of station bulletins, articles and written reports, as the result of studies made by the Dept. of Agricultural Economics of the University of Wyoming are available for:

Cattle

Prairie ranches -- Crook and Campbell counties. Cooperative with B.A.E. & B.A.I. - 1925.
Mountain Valley ranches -- Carbon, Sweetwater, Uinta, Lincoln, and Sublette counties -- 1927, cooperative with B.A.E. in Carbon county 1929-1932.
Ranches in Goshen county -- 1928.

Sheep

Red Desert and adjoining areas -- Sweetwater, Carbon, Uinta, Lincoln and Sublette counties - 1925.
Central area of Wyoming -- Natrona, Fremont, Johnson, Converse counties 1927.
Big Horn Basin -- Park, Big Horn, Hot Springs, Washakie counties 1928.

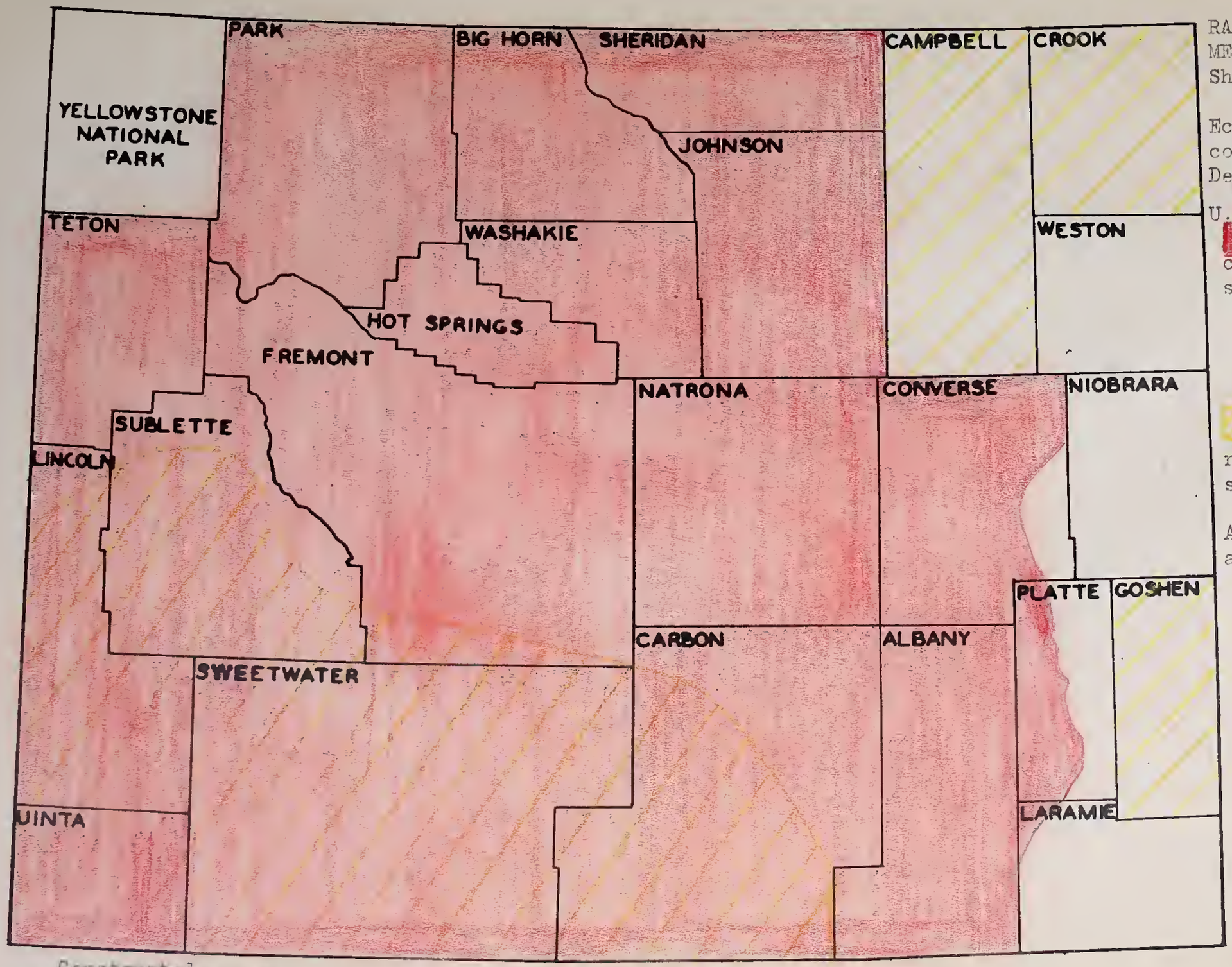
Resettlement Administration supplied no aid toward original studies. However, much of the material has been compiled and arranged in various maps under supervision of State Land Planning Specialist. Thus making more generally available, the various types of information.

II. Objectives and Use

These studies have been made to determine the factors which influence success and to determine

the quantitative feed, labor and production requirements involved in the operation of cattle and sheep ranches. The information made available by these studies is an invaluable aid in the determination of best land use. They have supplied the basic available information in regard to constituent parts of an economic unit. While much additional specific information is necessary, the data collected in these studies provide the basis for and give direction to general and desirable land adjustment programs.

# WYOMING




RANGE MANAGEMENT
Sheep and cattle

Economic surveys conducted by Dept. Agr. Economics U. of Wyo.

Area included in range sheep survey.

Area included in range cattle survey.

Analysis of data available.

Constructed October 1936

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 3

Page 10

ECONOMIC SURVEYS -- FARM MANAGEMENT

I. Original data, statistical tables, general and specific analysis in the form of station bulletins, articles and written reports, as the result of studies made by the Dept. of Agricultural Economics of the University of Wyoming are available for:

Organized Irrigated Farming in
Big Horn County -- the results of this study is also applicable to irrigated farming in Park and Washakie counties -- 1930.
Goshen county -- the results of this study is also applicable to irrigated farming in Platte county -- 1929.
Sheridan, Johnson counties -- 1936 - Analysis not yet available for this study which is similar to the above.

Dry Farming in
Goshen county -- concerned with areas utilized for the production of winter wheat and areas utilized for the production of winter wheat and areas utilized for the production of certified seed potatoes -- 1929.
Sheridan - Campbell counties -- 1936 - Analysis not yet available for this study which is similar to the above.

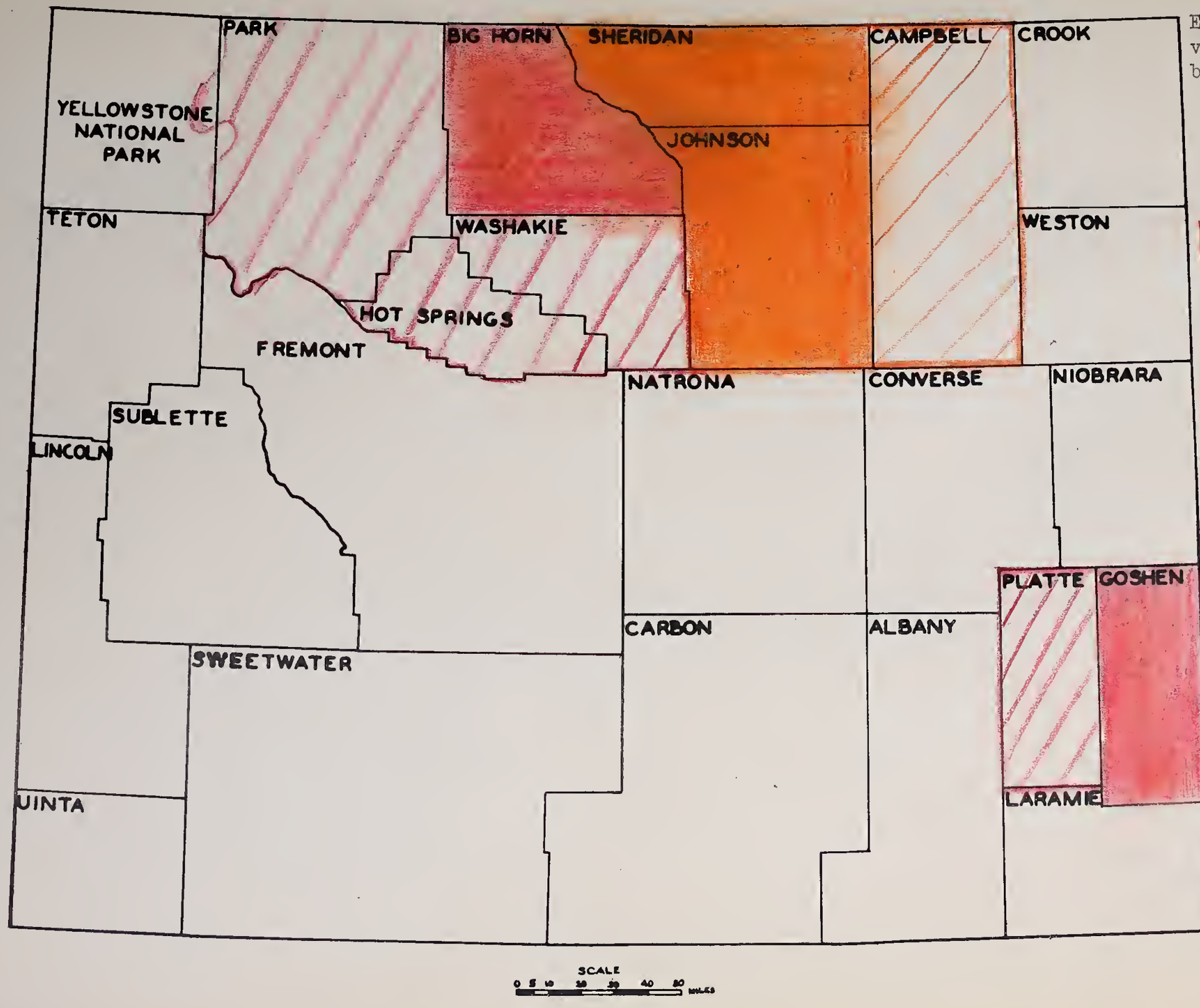
Resettlement Administration cooperated with the Dept. of Agricultural Economics in study of farming in Sheridan and Johnson counties to the extent of approximately one third of field work. Land Use Planning will be primarily responsible for the study in Campbell county. No assistance was supplied for such studies in Big Horn and Goshen counties. Study in Campbell county is being carried on by Land Utilization Division.

ECONOMIC SURVEYS -- FARM MANAGEMENT
Continued

II. Objectives and Use

These studies have been made to determine the factors associated with the success or failure of farm operations in the areas considered. Quantitative feed, labor and production requirements involved in the operation of the farms are being or have been developed. The information made available by these studies is a very valuable aid in the determination of best land use as they supply basic data relative to the quantitative requirements of a successful farm. However, much additional specific information in regard to crop yields, operating units, the present status of the range plants, etc., is necessary for establishing and substantiating a sound land use program.

# WYOMING




Economic survey conducted by Dept. Agr. Economics Uni. of Wyoming.

Studies pertaining to organized irrigated farming-analysis of data complete

Area to which analysis applies.

Area for which data of organized irrigated farming is available for analysis.

Area within which data is being collected.

# EROSION SURVEY

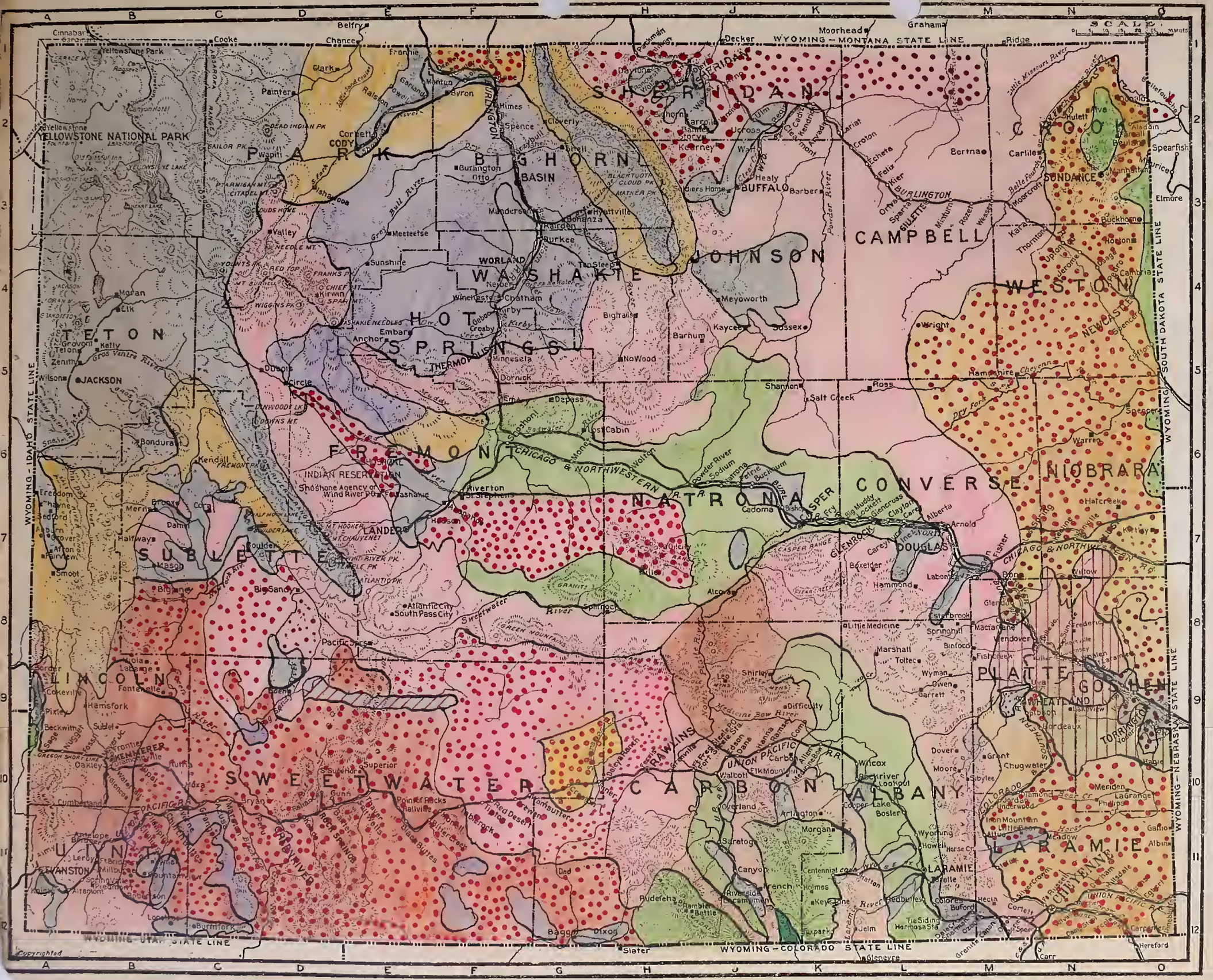
I. This erosion survey is a general reconnaissance made by the U.S.D.A. during the period April and July 1935.

No contribution made by the Resettlement Administration.

II. Objectives and Use

This survey was intended to provide a general picture of the present status of various types of erosion in the state. The survey is admittedly very general. The information can be used as a basis for determining the most critical areas and for determining methods of solution best adapted to the specific conditions.

# SKETCH MAP OF WYOMING


WYOMING – MONTANA STATE LINE
WYOMING – IDAHO STATE LINE
WYOMING – UTAH STATE LINE
WYOMING – COLORADO STATE LINE
WYOMING – NEBRASKA STATE LINE
SOUTH DAKOTA STATE LINE
YELLOWSTONE NATIONAL PARK
PARK
BIG HORN
BASIN
SHERIDAN
JOHNSON
CAMPBELL
CROOK
WESTON
NIOBRARA
CONVERSE
NATRONA
HOT SPRINGS
WASHAKIE
TETON
FREMONT
SUBLETTE
LANDER
INDIAN RESERVATION
Shoshone Agency or Wind River P.O.
Fort Washakie
LINCOLN
SWEETWATER
CARBON
ALBANY
UINTA
DOUGLAS
PLATTE
GOSHEN
LARAMIE
CHEYENNE
RAWLINS
Cody
Powell
Lovell
Basin
Greybull
Worland
Thermopolis
Riverton
Lander
Jackson
Moran
Dubois
Meeteetse
Sunshine
Burlington
Otto
Buffalo
Kaycee
Barnum
Meyoworth
Sussex
Bigtrails
NoWood
Barber
Soldiers Home
Healy
Mandersons
Hyattville
Bonanza
Fairgren
Burkee
Ten Sleep
Winchester
Chatham
Kirby
Debois
Crosby
Embar
Anchor
Minnesela
Dornick
Circle
Emblem
Depass
Lost Cabin
Shannon
Salt Creek
Ross
Wright
Newcastle
Spencer
Cambria
Hulett
Aladdin
Beulah
Spearfish
Sundance
Carlile
Bertnae
Moorcroft
Buckhorn
Horton
Elmore
Upton
Jerome
Osage
Thornton
Kara
Pozet
Wesson
Minturn
Sparta
Ortez
Felix
Echeta
Croton
Dariat
Ucross
Kendrick
Clearmont
Story
Banner
Barrell
Sheridan
Sylvan
Dayton
Decker
Moorhead
Grahama
Ridge
Belfry
Chance
Cooke
Cinnabar
Yellowstone Park
Gardiner
Clark
Frannie
Byron
Montin
Garland
Powell
Ralston
Corbett
Cody
Paintera
Wapiti
Himes
Spence
Cloverly
Smell
Sheridan
Sylvan
Big Horn
Burlington
Otto
Basin
Greybull
Worland
Thermopolis
Riverton
Lander
Jackson
Moran
Dubois
Meeteetse
Sunshine
Burlington

# FEED RESOURCES AND LIVESTOCK BALANCE

I. This information was developed by the Dept. of Agricultural Economics of the University of Wyoming and the Bureau of Agricultural Economics, U.S.D.A. - May to October 1935. Resettlement Administration made little contribution to original analysis but additions to data and analysis have been and are being made by State Land Planning Specialist.

II. Objectives and Use

The principal objective was to determine the optimum rate of stocking the ranges and the ratio of available feed to livestock. The amount of feed available through forage crop production and through grazing with the variable influence of climate considered, was determined. The numbers of the various classes of livestock reduced to an animal unit basis was also determined. Studies of the Dept. of Agricultural Economics of the University have indicated that normal feed requirements per animal unit is the equivalent of approximately four tons of alfalfa hay. With this data as a basis the ration of feed and livestock were computed. The information is available for counties for the period 1924 to 1934.

The information developed in this study is very valuable in connection with land use studies, more especially those concerned with the use of the ranges. While further checks and refinements are necessary, the results of this study represent a present working basis for land use planning. The information available gives direction to and points out problems that should receive further development.

FEED RESOURCES AND LIVESTOCK EXPRESSED AS CATTLE UNITS, CAMPBELL COUNTY, WYOMING

| (1) Year | (2) Pasture Conditions in PerCent of Average | (3) Annual Carrying Capacity | (4) Acreage of Grazing Land | (5) Cattle Units Provided for by Grazing | (6) Cattle Units provided for by Forage and Grain Crops | (7) Total Cattle Units Provided for by Grazing and Crop Production | (8) Cattle Unit Equivalent of All Livestock & Markets Estimate | (9) Ratio of Cattle Units to Feed and Grazing Resources |
|---|---|---|---|---|---|---|---|---|
| 1924 | 101 | 40 | 2,974,715 | 74,368 | 11,574 | 85,942 | 91,355 | 1.06 |
| 1925 | 88 | 45 | 2,952,840 | 65,616 | 21,431 | 87,050 | 83,198 | .96 |
| 1926 | 97 | 41 | 2,951,740 | 71,994 | T 17,613 | 89,607 | 87,408 | .98 |
| 1927 | 109 | 37 | 2,953,790 | 79,832 | 22,570 | 102,402 | 84,988 | .83 |
| 1928 | 96 | 42 | 2,953,090 | 70,312 | 15,564 | 85,876 | 89,997 | 1.05 |
| 1929 | 96 | 42 | 2,946,115 | 70,145 | 19,694 | 89,840 | 89,987 | 1.00 |
| 1930 | 81 | 49 | 2,942,540 | 60,052 | 16,930 | 76,982 | 92,786 | 1.21 |
| 1931 | 89 | 45 | 2,978,340 | 66,185 | 10,113 | 76,298 | 104,644 | 1.37 |
| 1932 | 86 | 47 | 2,930,540 | 62,352 | 15,086 | 77,438 | 95,311 | 1.23 |
| 1933 | 92 | 43 | 2,941,040 | 68,396 | 10,111 | 78,507 | 107,773 | 1.37 |
| 1934 | 76 | 53 | 2,945,000 | 55,566 | 12,085 | 67,651 | 121,055 | 1.79 |
| Average 1924-34 | 92 | 40 | 2,951,796 | 73,795 | 15,706 | 89,501 | 94,409 | 1.05 |

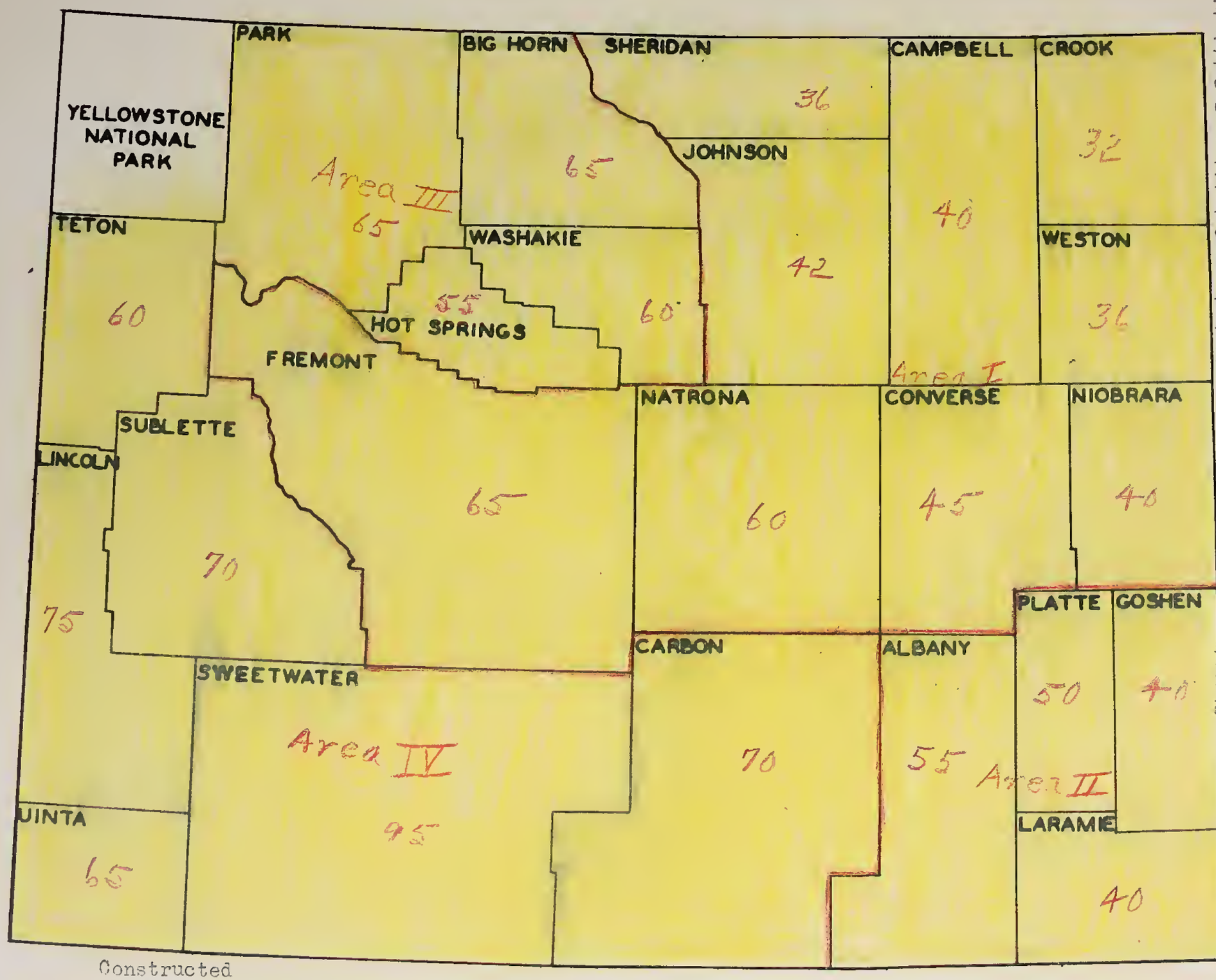
Example of County Calculations

FEED RESOURCES AND LIVESTOCK EXPRESSED AS CATTLE UNITS AND Feed RATIO FOR CAMPBELL COUNTY

AVERAGE FEED---LIVESTOCK RATIO
1924-1934

| County | Area | Grazing: Carrying: Capacity | Pasture Conditions | Units by; Grazing | Units by; Feed | Total Units: Feed&Grazing | Total Units: Estimate | Ratio Feed to Livestock |
|---|---|---|---|---|---|---|---|---|
| Campbell | 2951796 | 40 | 92 | 73795 | 15706 | 89501 | 94409 | 105 |
| Crook | 1735734 | 32 | 92 | 53929 | 22489 | 76418 | 71964 | 94 |
| Converse | 2574722 | 45 | 92 | 57216 | 14627 | 71843 | 88833 | 124 |
| Fremont | 5801344 | 65 | 92 | 89251 | 18285 | 107536 | 103884 | 97 |
| Johnson | 2605015 | 42 | 92 | 62024 | 16793 | 78817 | 103591 | 131 |
| Natrona | 3383588 | 60 | 92 | 56393 | 6864 | 63257 | 92771 | 147 |
| Niobrara | 1588644 | 40 | 92 | 39716 | 11510 | 51226 | 58430 | 114 |
| Sheridan | 1541013 | 36 | 92 | 42806 | 28184 | 70990 | 79850 | 112 |
| Weston | 1488874 | 36 | 92 | 41358 | 9544 | 50902 | 39699 | 78 |
| | | | | | | Poultry | 7468 | |
| Total | 23660720 | 46 | 92 | 516488 | 144002 | 660490 | 740899 | 111 |
| Platte | 1231564 | 50 | 100 | 24631 | 24915 | 49546 | 57573 | 116 |
| Goshen | 1189523 | 40 | 100 | 29738 | 37334 | 67072 | 59992 | 89 |
| Laramie | 1530676 | 40 | 100 | 38267 | 20725 | 58992 | 73602 | 125 |
| Albany | 2712610 | 55 | 100 | 49320 | 21671 | 70991 | 75811 | 107 |
| | | | | | | Poultry | 5001 | |
| Total | 6664373 | 47 | 100 | 141956 | 104645 | 246601 | 271980 | 110 |
| Big Horn | 1931045 | 65 | 110 | 29709 | 18225 | 47934 | 47622 | 99 |
| Hot Spgs. | 1281357 | 55 | 110 | 23297 | 5672 | 28969 | 43687 | 151 |
| Park | 3266405 | 55 | 110 | 50252 | 23162 | 73414 | 76262 | 104 |
| Washakie | 1404046 | 60 | 110 | 33401 | 14219 | 37620 | 50307 | 134 |
| | | | | | | Poultry | 3292 | |
| Total | 7882853 | 62 | 110 | 136659 | 61278 | 187937 | 221170 | 118 |
| Carbon | 5009503 | 70 | 99 | 71564 | 29434 | 100998 | 128984 | 128 |
| Lincoln | 2622389 | 75 | 99 | 34965 | 24095 | 59060 | 67147 | 114 |
| Sublette | 3093780 | 70 | 99 | 44197 | 21349 | 65546 | 77434 | 118 |
| Sweetwater | 6690580 | 95 | 99 | 70427 | 5230 | 75657 | 65818 | 87 |
| Teton | 1799752 | 80 | 99 | 29996 | 8933 | 38929 | 31051 | 80 |
| Uinta | 1280324 | 65 | 99 | 19698 | 15053 | 34751 | 49291 | 142 |
| | | | | | | Poultry | 516 | |
| Total | 20496328 | 76 | 99 | 270847 | 104094 | 374941 | 420241 | 112 |
| State Ttl | 58704274 | 59 | 98 | 1055950 | 414019 | 1469969 | 1654290 | 112 |

# WYOMING




FEED RESOURCES AND LIVESTOCK BALANCE AS determined in Cooperative Project in Regional Agricultural Planning by Dept. Agronomy and Agricultural Economic of Uni. of Wyomin

—— Line marks boundary within w which there is little intra-stat shift of livestoc

Number indicates acres per animal unit required for year long grazing

Constructed October 1936

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 6

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# GEOLOGY
## State Geological Survey

I. Data compiled and mapped under the direction of the Dept. of Geology, University of Wyoming and the State Geologist Surveys during 1934 to 1936. The information has been placed on maps of a scale similar to those showing other elements necessary to land use planning.

II. Objectives and Use

A knowledge of sub-surface geology is a very essential part of land use planning. The presence of minerals may influence the desirable use of land. The prevalence of selineum, for example, may determine or control the use of certain areas. A knowledge and location of shales, as indicated in these maps, is a valuable aid in the determination of wise land adjustments.

# SKETCH MAP OF WYOMING

Showing Location of and Amounts of Sodium Salts in Rock Which Have Influence on Crop Production or Source of Sodium Salts.

1 little or none

2 slight

3 Spotted

4 Medium

5 Large

Compiled by
T. J. Dunnewald
Dept. of Agronomy
University of Wyo.

Copyrighted

THE HOTCHKISS MAP CO., DENVER

Constructed
October 1936

Index Map No. 7

SOILS

GEOLOGY
Source of Sodium Salts

I. This information was developed by T. J. Dunnewald, Soils Dept. of the Dept. of Agronomy and Agricultural Economics of the University -- compiled in 1934. The information has been placed on maps and made available to interested agencies through the facilities of the office of the Land Planning Specialist of the Resettlement Administration.

II. Objectives and Use

On irrigated land the amounts of sodium salts in the soil may have a decided influence on crop production. Sodium salts represent one of the prevalent forms of alkali. Knowledge of the general source and concentration of sodium salts is of value in land planning. The areas where judicial use of irrigation water is necessary, are indicated as well as various problems associated with drainage.

THE GEOLOGICAL SURVEY OF WYOMING
UNIVERSITY OF WYOMING, LARAMIE
S.H. Knight, State Geologist

# GEOLOGIC MAP OF NATRONA COUNTY, WYOMING

COMPILED FROM ALL AVAILABLE DATA AND ORIGINAL FIELD WORK
by
THE GEOLOGICAL SURVEY OF WYOMING
by
DAVID LOVE
1935

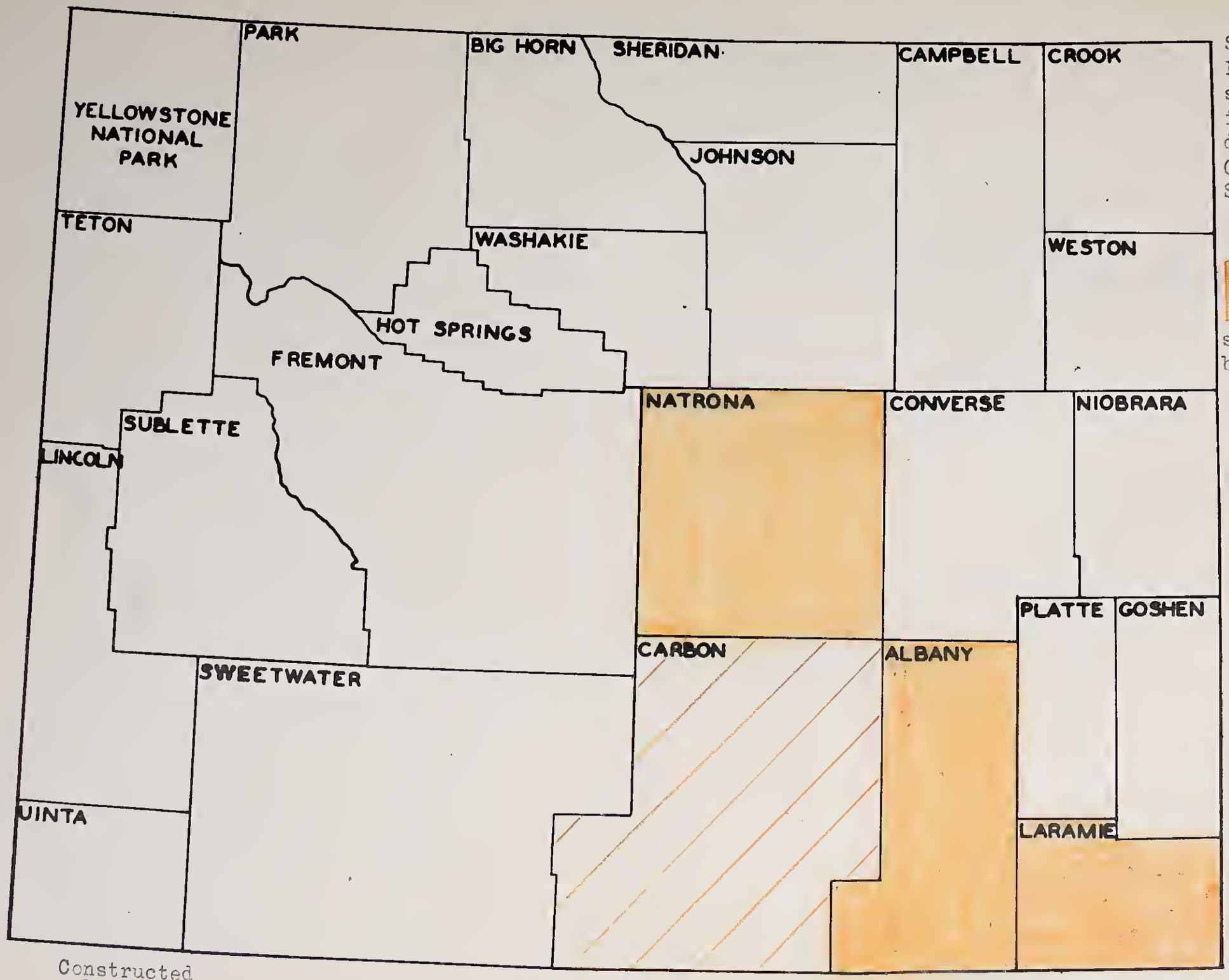
SCALE: 1 INCH = 2 MILES

LEGEND

- (?) — ACIDIC IGNEOUS INTRUSIVES
- EOCENE — ARIKAREE (?) FORMATION
- OLIGOCENE — WHITE RIVER FORMATION
- LOWER EOCENE — WIND RIVER FORMATION
- BASAL EOCENE — FORT UNION FORMATION
- LANCE CREEK FORMATION
- LEWIS FORMATION
- MESAVERDE FORMATION
- STEELE FORMATION
- NIOBRARA FORMATION
- UPPER CRETACEOUS — CARLILE FORMATION
- FRONTIER & CARLILE UNDIVIDED
- FRONTIER FORMATION
- MOWRY FORMATION
- THERMOPOLIS & MOWRY UNDIVIDED
- THERMOPOLIS FORMATION
- DAKOTA GROUP
- LOWER CRETACEOUS (?) — MORRISON FORMATION
- JURASSIC — SUNDANCE FORMATION
- TRIASSIC (?) & TRIASSIC — DINWOODY, CHUGWATER & JELM UNDIVIDED
- PENNSYLVANIAN & PERMIAN — AMSDEN, TENSLEEP, PHOSPHORIA FORMATIONS UNDIVIDED
- MISSISSIPPIAN — MADISON FORMATION
- CAMBRIAN — DEADWOOD FORMATION
- PRE-CAMBRIAN — CRYSTALLINES & METAMORPHICS
- FAULT

Index Map No. 8

# WYOMING




STATE GEOLOGICAL SURVEY showing counties included in detailed Geological Survey

Area for which detailed surveys have been made.

Area in which survey is in process of completion.

Constructed October 1936

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 9

Page 24

GEOLOGY
U. S. Geology Survey and Topographic Surveys

I. U. S. Geological Survey of 1925 -- Topographic Surveys 1891 - 1919.

II. The information on these maps is of much value in connection with the problems involved in Land Use Planning. Information in regard to slope, drainage, water resources, source of various minerals is indicated. The topographic maps provide a valuable basis for land use suggestions in areas covered by this survey. Information is provided that is pertinent and necessary to studies of water utilization.

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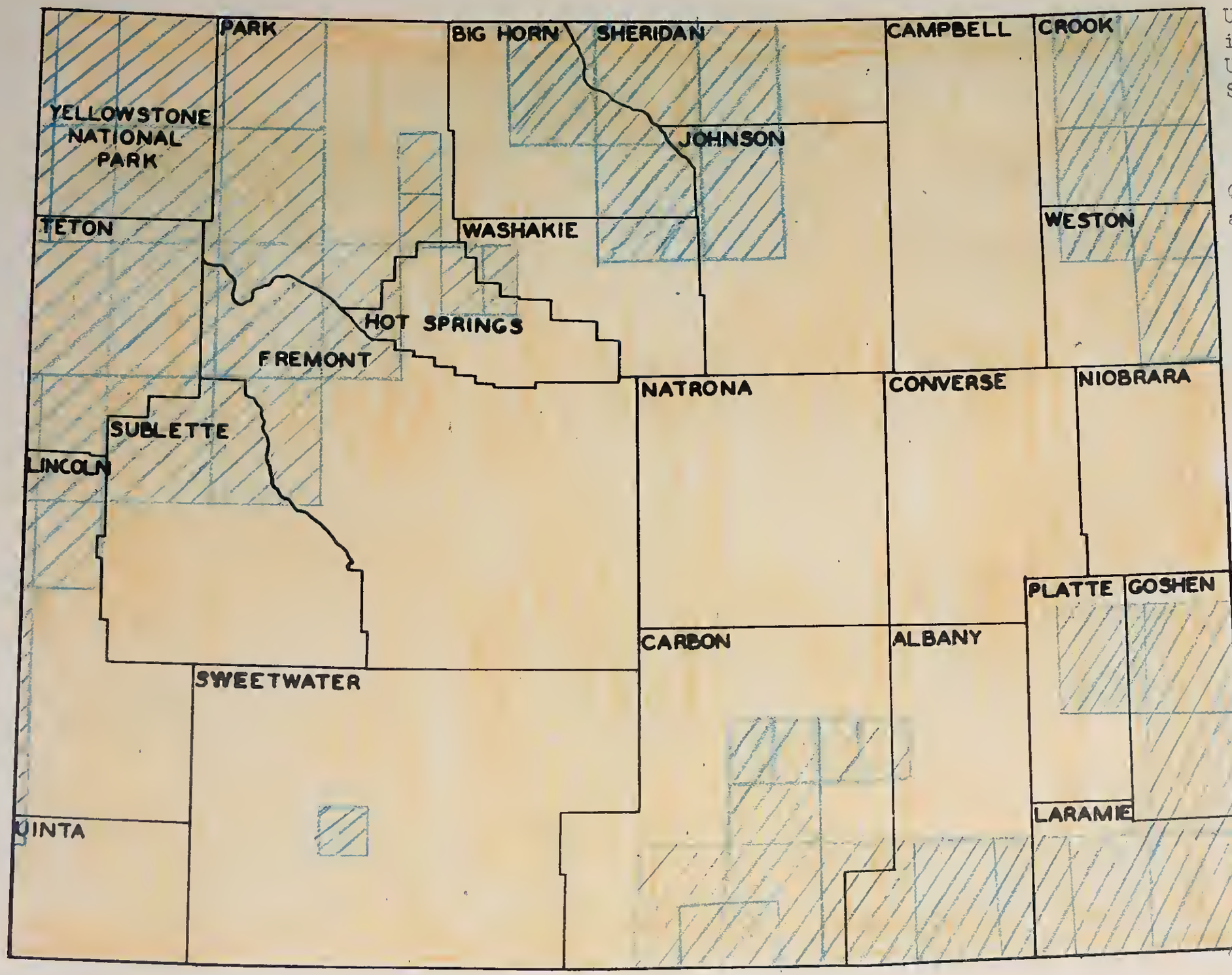
# WYOMING




U. S. Geological Survey U.S.D.I. Survey of 1927-1934

Quadrates available for:
Southeastern Wyoming
Northeastern Wyoming
Survey classification on a basis of soils.

Area for which topographic maps are available
State included in Geological Survey-U.S.G.S map of 1925

Southwestern Wyoming
Northwestern Wyoming
Survey classification on a basis of vegetal cover.

Constructed
October 1936

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 10

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Geology

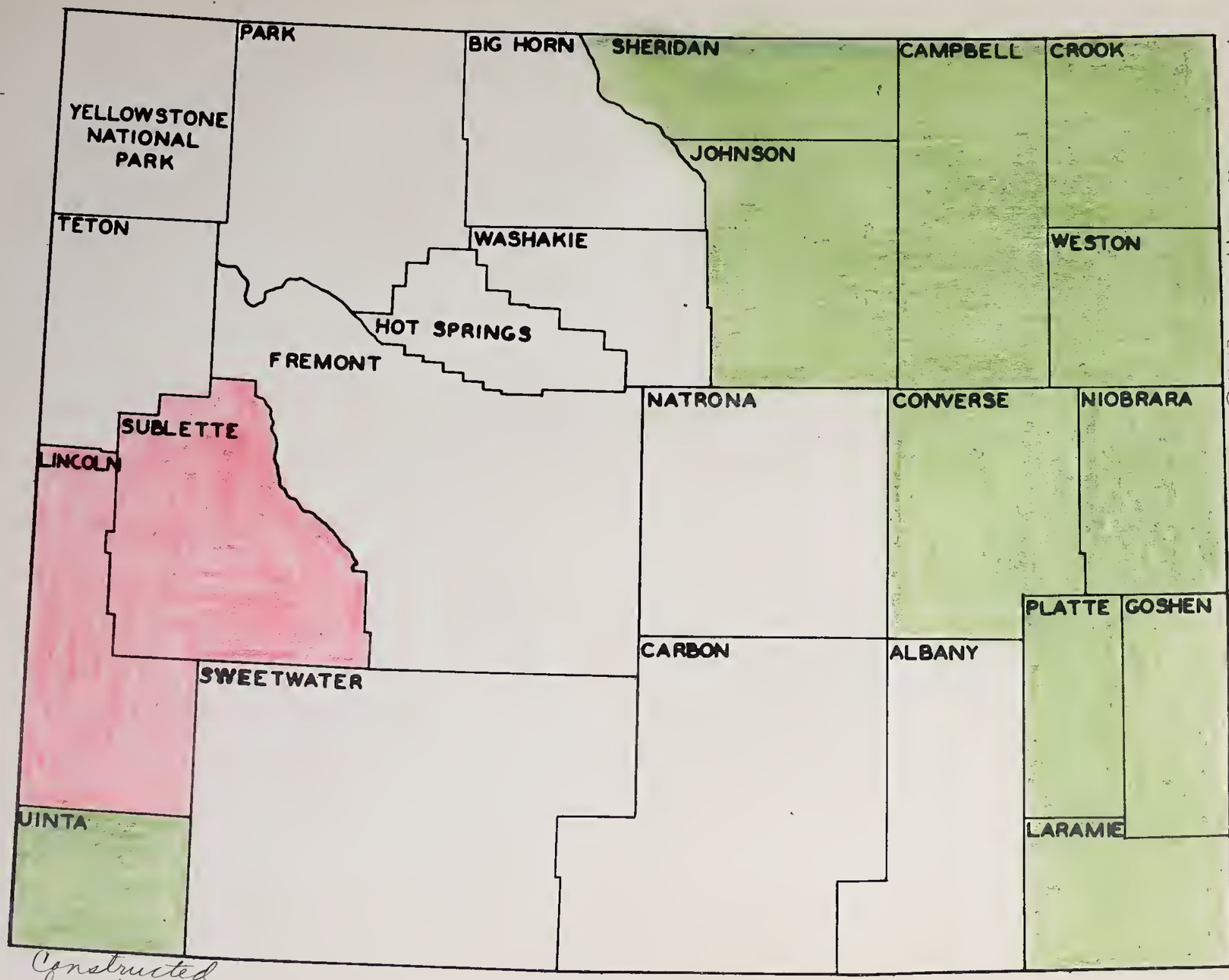
LAND CLASSIFICATION
County maps scale ½" = 1 mile

I. These maps were arranged under the direction of the State Land Planning Specialist. Funds were supplied by the Works Progress Administration -- winter and spring of 1935 and 1936. The original data was taken from the U.S.D.I. Land Classification of 1927 - 1934.

II. Objectives and Use

Standard county maps are on a scale of ½" = 1 mile and in order to make best use of the information it was necessary to use similar scale for the land classification data. This size map permits the use of the material in considerably more detail than allowed under the scale of 1:500,000, more especially in eastern Wyoming where the most important land problems are associated with dry farm practice. These maps have been found to be of particular value to the Rural Rehabilitation Supervisors and County Agricultural Agents. Further discussion under U.S.D.I. Quadrates.

# WYOMING




U.S.D.I. Land Classification exoanded to county maps, scale $\frac{1}{8}$" = 1 mile, showing:

Irrigated land
Dry farm land
  1st grade
  2nd grade
  3rd grade
Tillable grazing
Grazing land

These maps are on tracing cloth and may be reproduced by blue print.

Constructed October 1936

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 11

Land Classification

LAND CLASSIFICATION
Present and Desirable Land Use

I. This map was arranged by the State Land Planning Specialist during June and July 1936. The data is compiled as indicated on a wall map of the state on a scale of 1:500,000. Some of the basic data were collected by the Dept. of Agricultural Economics 1934 and 1935. The National Forest offices supplied information on the location of the summer ranges for cattle and sheep.

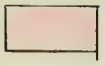
II. Objectives and Use

The principal objective was to provide a map showing in a general way the present use of the agricultural lands in the state. To the west of the line marking the western border of the dry farming area, the land is generally put to the most economic use and the problems involved are concerned with the making of adjustments within the various types of farming and ranching -- such as improving the range vegetation by conservative stocking or better seasonal use, or the making of a more beneficial use and distribution of irrigation water. Land adjustment in the dry farming area occasionally requires a fundamental change to overcome the undesirable influence of farming sub-marginal crop land and of the settlement homestead units which are too small to be operated as a livestock ranch.

The information on the map suggests desirable land use with a brief description of the problem in eastern Wyoming. It is thought that such information will give direction to methods

of solution of certain land problems and also indicate the magnitude of the problem of general land use planning.

Legend
Land Classification
Present and Desirable Land Use


INACESSABLE NOT GRAZED BY DOMESTIC LIVESTOCK

CLOSED TO GRAZING BY DOMESTIC LIVESTOCK

RESTRICTED SUMMER GRAZING-CATTLE

SUMMER GRAZING CATTLE

SUMMER GRAZING SHEEP

IRRIGATED LAND

SPRING-FALL GRAZING WINTER FEEDING CATTLE SOME SHEEP

IRRIGATED GENERAL FARMING

WINTER GRAZING SHEEP

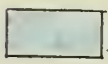
CATTLE PRODUCTION YEAR AROUND GRAZING

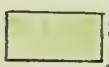
SPRING-FALL GRAZING WINTER FEEDING CATTLE SOME SHEEP

SUMMER GRAZING SHEEP AND CATTLE

SUMMER GRAZING SHEEP

SUMMER GRAZING CATTLE


IRRIGATED LAND PRINCIPALLY FORAGE CROPS


SUMMER GRAZING CATTLE AND SHEEP

SPRING-FALL GRAZING WINTER FEEDING CATTLE SOME SHEEP

ORGANIZED IRRIGATED FARMING

AREA BEST ADAPTED TO DRY LAND COMMERCIAL GRAIN PRODUCTION

AREA NOT GENERALLY ADAPTED TO COMMERCIAL DRY FARM GRAIN PRODUCTION

AREA WHERE IN DRY FARMING SHOULD BE LARGELY LIMITED TO FORAGE PRODUCTION

SUMMER GRAZING CATTLE

ACQUISITON AREA GENERALLY BEST ADAPTED TO LIVESTOCK PRODUCTION

SUMMER GRAZING CATTLE

SUMMER GRAZING SHEEP

SPRING-FALL GRAZING, WINTER FEEDING CATTLE SOME SHEEP

WINTER GRAZING SHEEP

ORGANIZED IRRIGATED CROP FARMING

CLOSED TO GRAZING BY DOMESTIC LIVESTOCK

AREA NOT GENERALLY WELL ADAPTED TO DRY FARM COMMERCIAL GRAIN PRODUCTION

AREA BEST ADAPTED TO COMMERCIAL GRAIN PRODUCTION

AREA WHERE IN DRY FARMING SHOULD BE LARGELY LIMITED TO FORAGE PRODUCTION

COUNTIES

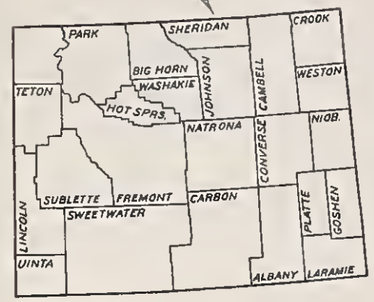
# WYOMING, 1931

YELLOWSTONE NATIONAL PARK

LAND CLASSIFICATION

PRESENT AND DESIRABLE LAND USE

Key to counties




0 10 20 30 40 MILES

West boundary principal dry farm area

U.S. DEPARTMENT OF AGRICULTURE

Index Map No. 12

(THIS MAP TO BE USED WITH 1930 CENSUS DATA)

LAND CLASSIFICATION

NEG. 24637-A BUREAU OF AGRICULTURAL ECONOMICS

32

LAND CLASSIFICATION
Seasonal Grazing Areas

I. This map was arranged by the State Land Planning Specialist while a member of the Dept. of Agricultural Economics of the University of Wyoming 1935.

II. Objectives and Use

Information shown on this map was compiled in order to make available a picture of present land use in various areas wherein the agricultural enterprises are more or less similar. The approach to the measures ultimately used to remedy the various land problems is materially influenced by the type and importance of the various agricultural enterprises carried on within any particular region. A study of the information on which the map is based should provide considerable evidence that may be used to advantage in the determination and formulation of policies in regard to the establishment of control necessary to long time application of what is thought to be best land use.

The information on which this map is based should receive further development and study in order to secure a more adequate understanding of the possibilities of the agriculture of the state as a whole. However, it is believed that the data makes available a working basis and perhaps gives direction to procedure and method of solution of problems that should receive further consideration.

# SKETCH MAP OF WYOMING

Area in which arable farms should be replaced by stock ranches or grazing districts.

Area in which arable farms should be increased in size in order to provide an adequate living.

Constructed
October, 1936

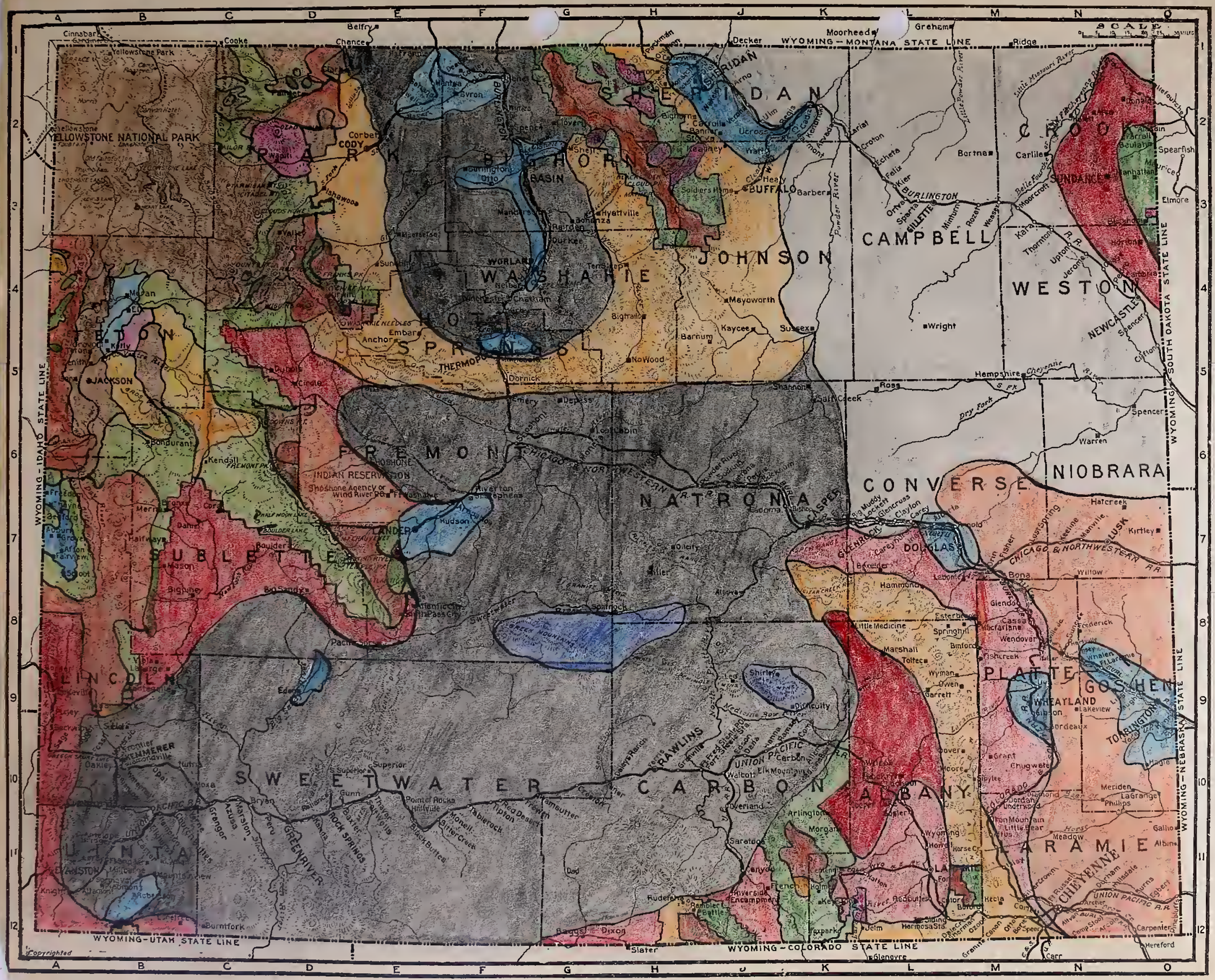
Index Map No. 13

THE HOTCHKISS MAP CO., DENVER



WYOMING PROBLEM AREA MAP

# SKETCH MAP OF WYOMING


WYOMING – MONTANA STATE LINE
WYOMING – IDAHO STATE LINE
WYOMING – UTAH STATE LINE
WYOMING – COLORADO STATE LINE
WYOMING – SOUTH DAKOTA STATE LINE
WYOMING – NEBRASKA STATE LINE
YELLOWSTONE NATIONAL PARK
BIG HORN BASIN
WIND RIVER INDIAN RESERVATION
Shoshone Agency or Wind River P.O.
SHERIDAN
BIG HORN
HOT SPRINGS
WASHAKIE
JOHNSON
CAMPBELL
CROOK
WESTON
NEWCASTLE
SUNDANCE
BUFFALO
GILLETTE
BURLINGTON
TONGUE RIVER
BELLE FOURCHE R.
Little Powder River
Powder River
Little Missouri River
Cheyenne River
S. Fk. Dry Fork
Thermopolis
Worland
Basin
Cody
Lovell
Greybull
Shell
Burlington
Ten Sleep
Hyattville
Manderson
Meeteetse
Kirby
Grass Creek
Hamilton Dome
Embar
Anchor
Bighorn
Meyoworth
Barnum
Kaycee
Sussex
Wright
Barber
Barlow
Arvada
Croton
Decker
Parkman
Dayton
Ranchester
Dietz
Acme
Sheridan
Arno
Banner
Story
Big Horn
Parkman
Moorhead
Greham
Ridge
Carlile
Bertha
Felix
Kier
Orpha
Sparta
Mimum
Rozet
Weaver
Kara
Thornton
Upton
Jerome
Moorcroft
Sundance
Beulah
Spearfish
Manhattan
Maurice
Elmore
Hulett
Aladdin
Alva
Belle Fourche
Newcastle
Clifton
Spencer
Hempshire
Ross
Salt Creek
Shannon
Emery
Depess
Lost Cabin
Casper
Natrona
Converse
Niobrara
Warren
Hatcreek
Lusk
Kirtley
Douglas
Glenrock
Bonanza
Willow
Bona
Hammond
Esterbrook
Glendo
Cassa
Wendover
Fishcreek
Springhill
Binford
Marshall
Toltec
Wyman
Owen
Garrett
Little Medicine
Pine Bluffs
Wheatland
Lakeview
Torrington
Goshen
Platte
Grant
Chugwater
Meriden
LaGrange
Phillips
Laramie
Albin
Gallio
Meadow
Iron Mountain
Little Bear
Cheyenne
Hecia
Colton
Borie
Speer
Carr
Hereford
Carpenter
Granite Canon
Otto
Archer
Union Pacific R.R.
Chicago & Northwestern R.R.
Fremont
Lincoln
Sublette
Uinta
Sweetwater
Carbon
Albany
Rawlins
Rock Springs
Green River
Evanston
Kemmerer
Diamondville
Opal
Oakley
Cokeville
Afton
Fairview
Auburn
Grover
Bedford
Star Valley
Thayne
Freedom
Alpine
Jackson
Kelly
Moran
Dubois
Circle
Sand Draw
Crowheart
Fort Washakie
Ethete
Arapahoe
Lander
Hudson
Riverton
Ephenes
Shoshone
Kendall
Fremont Pk.
Bondurant
Pinedale
Boulder
Halfway
Daniel
Merna
Big Piney
Marbleton
Mason
Bigpine
Boulder Lake
Half Moon Lake
Green Mountain
Wind River Mts.
Wind River
Sweetwater
Pacific Springs
Antelope Springs
Atlantic City
South Pass City
Lewiston
Burntfork
Knight
Evanston
Lyman
Mountain View
Robertson
Green River
Rock Springs
Superior
Point of Rocks
Hallville
Monell
Tablerock
Red Desert
Rock Creek
Table Rock
Bitter Creek
Black Buttes
Baxter
Granger
Grangor
Azusa
Marston
Peru
Bryan
Rawlins
Creston Junction
Walcott
Elk Mountain
Arlington
Saratoga
Riverside
Encampment
Rambler
Battle
Ferris
Hanna
Medicine Bow
Shirley Mts.
Shirley
Ryan Park
Dixon
Baggs
Slater
Dad
Carbon
Dixon
Sand Creek
Dry Creek
Big Muddy
Glencross
Clayton
Corey
Lockett
Midwest
Edgerton
Alcova
Casper
Evansville
Mills
Bessemer Bend
Orin
Orin Junction
Douglas
Esterbrook
Glenrock
Converse
Natrona
Albany
Laramie
Platte
Goshen
Niobrara
Weston
Campbell
Crook
Sundance
Newcastle
Lusk
Torrington
Wheatland
Chugwater
Cheyenne
Pine Bluffs
Hereford
Carpenter
Granite Canon
Otto
Archer
Union Pacific R.R.
Chicago & Northwestern R.R.
Belle Fourche R.
Little Missouri River
Cheyenne River
Powder River
Little Powder River
Dry Fork
S. Fk.

LAND CLASSIFICATION

U.S.G.S. Land Classification Survey of the Dept. of the Interior

I. U.S.D.I. Survey of 1929 - 1934

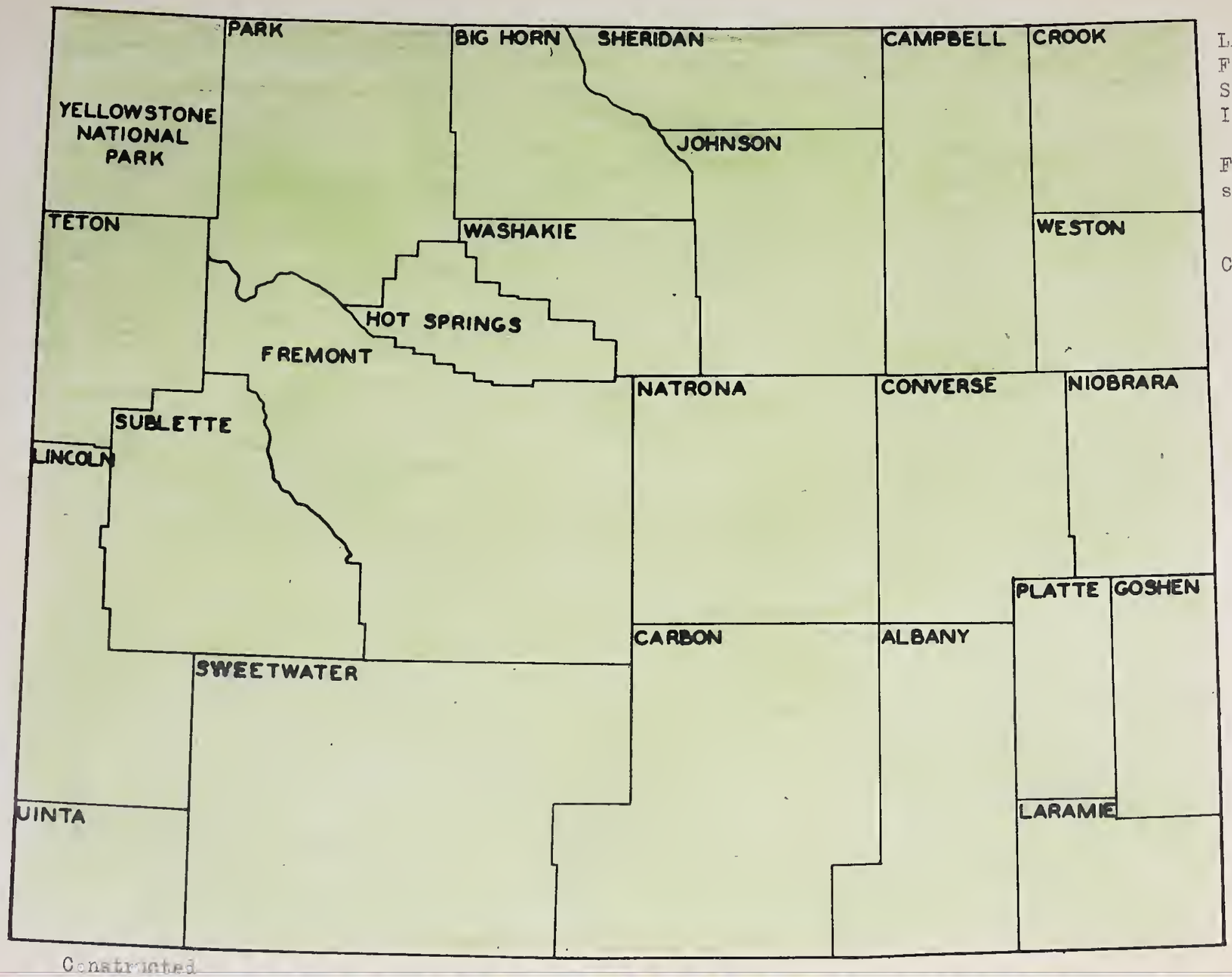
Southeastern Wyoming west to 107 meridian and
Northeastern Wyoming west to 108 meridian, classification on basis of production possibilities of soils.
Southwestern Wyoming from 107 meridan west to state line and
Northwestern Wyoming from approximately 107 meridian to state line, classification on basis of plant cover.

II. Objectives and Use

This survey gives approximate locations of broad general soil types based primarily upon the economic use to which the areas can be best put. In eastern Wyoming the basis is soils. In western Wyoming the basis is vegetal cover. These maps and their associated manuscripts have been one of the most important sources of information for fundamental land use planning. The data has been used most freely.

Since there is such a great variation in soils and soil types and since the problems of land adjustment call for determining the areas best suited to crop production, more detailed information is necessary in regard to the productive capacity of the soils, especially in areas that have been subjected to extensive dry land crop farming. The soil survey supplies such information.

# WYOMING




LAND CLASSIFICATION U. S. DEPT. INTERIOR

Four quadrate scale 1:500,000

Classification: Eastern half--basis of soils

Western half--basis of vegetal cover.

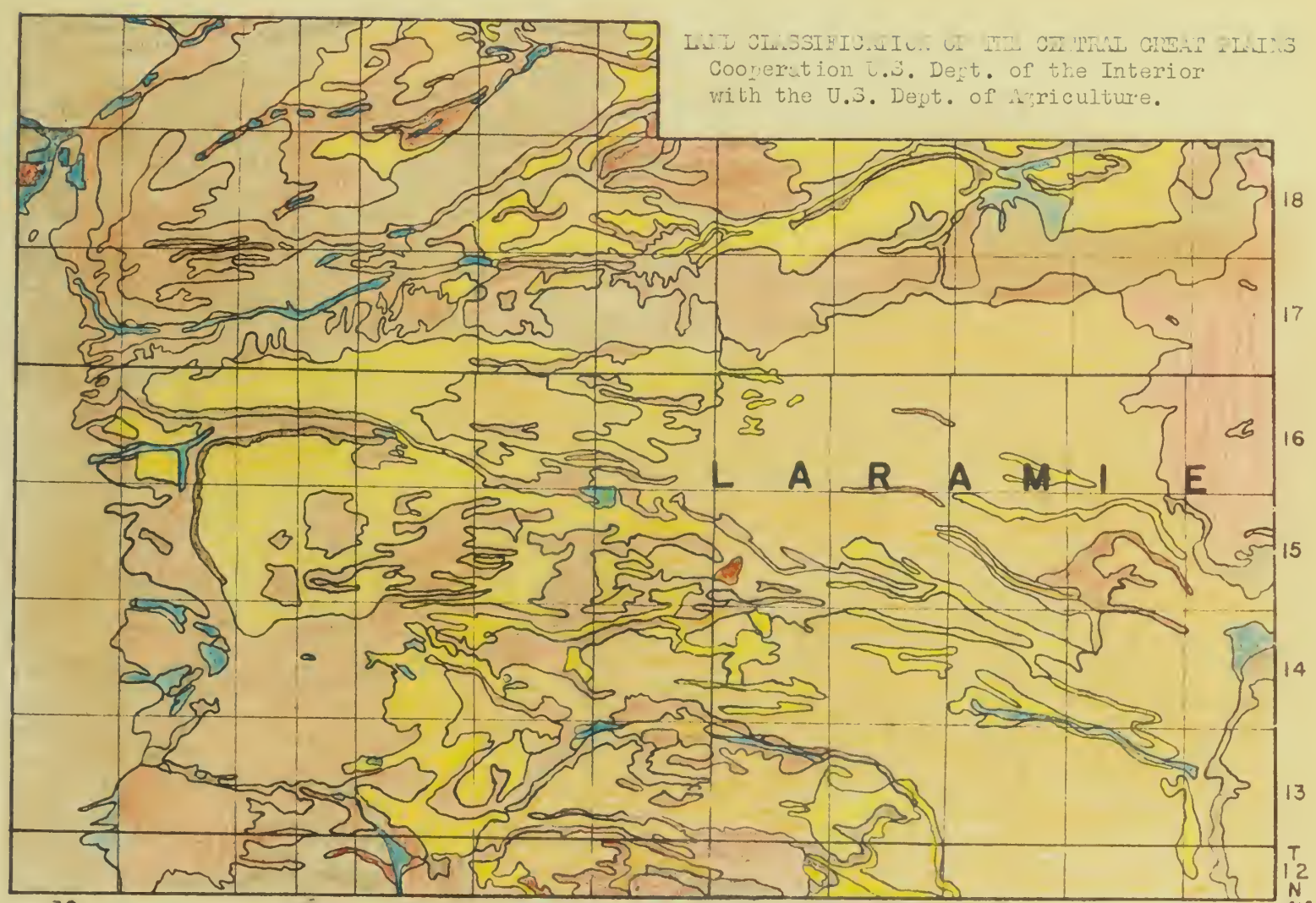
Constructed October 1936

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 15

Page 37

# LARAMIE COUNTY




Constructed October 1936

Index Map No. 16

LAND CLASSIFICATION
Soil Surveys

I. The soil survey has been carried on cooperatively by the Dept. of Agronomy and Agricultural Economics of the University of Wyoming and the Bureau of Chemistry and Soils. Excepting the Ft. Laramie and the Torrington area the soil survey information is of recent origin, essentially from about 1925. Printed reports are available for the Cody, Basin, Wheatland, Ft. Laramie and Torrington areas. Maps for Fremont, Sheridan, Johnson, and Campbell counties are available on plats 2" = 1 mile for the areas covered in detail and 1" = 1 mile for areas covered in a reconnaissance manner. The dry land areas in Johnson and Campbell counties are at present the only areas included in the general survey.

II. Objectives and Use

The information made available by the soil survey is perhaps the most fundamental information pertaining to land planning. Until the present time, however, little of such information has been available for areas wherein the most critical maladjustment in the use of land has occurred, namely, the dry farming areas. In these areas the reconnaissance survey only is contemplated. Such a survey will supply adequate basic information but essentially such detail is necessary to substantiate a sound land use program. In lieu of the above information the general U.S.D.I. land classification is used to a good advantage. For sound land use planning, however, the need for the soil survey can not be over emphasized.

# SKETCH MAP OF WYOMING

AREA COVERED BY DETAILED SOIL SURVEY

AREA COVERED BY RECONNAISANCE SOIL SURVEY

Printed Reports Available For
Cody Area
Basin Area
Wheatland Area
Ft. Laramie and
Torrington Area

Maps for Sheridan, Johnson, Campbell, and Fremont Counties Available on Township Plats,

Scale- 2" = 1 mile

Copyrighted

Constructed October 1936 Index Map No. 17

SOIL SURVEY

THE HOTCHKISS MAP CO. DENVER

LAND OWNERSHIP

County map scale ½" = 1 mile, State map scale 1:500,000, Township plats scale 2" = 1 mile, summaries and indexes.

I. This information has been compiled and mapped in the office of the State Land Planning Specialist. The data was secured during the last half of 1935 and the first part of 1936. The data has been copied from the assessor's records by personnel made available through W.P.A. funds. Maps and analysis in the state office has been made possible by personnel made available through W.P.A. and N.Y.A. funds.

II. Objectives and Use

The information collected and organized in this activity is intended to provide general but basic background information for sound recommendations in regard to the best use to be made of land in various parts of the state. In this study a copy of the assessor's schedules was made for each individual owner in the state. The schedule shows acres and legal description of land owned, classified by specific use along with a value of both land and improvements. An actual location of the property of each owner was made on standard township plats of 2" equals 1 mile by class showing resident owned land and that owned by non-residents, corporations, the counties, the State and that remaining in Public Domain or Federally owned. In order to facilitate the use of the information, indexes are being made showing ownership alphabetically by name and chronologically by township and range of each county.

[illegible]

Survey map scale 1" = 1 mile, basic map scale
1:500,000, Township plats scale 1" = 1 mile,
supporting map features.

1. This information was last compiled and updated in the office of the State Land Planning Coordinator. The data was derived during the last half of 1966 and the first part of 1967. The data was mostly taken from the Alabama records by personnel most familiar with them by S.C.S. trade. Maps and analyses in the State Office of Soil Conservation Service were available although S.C.S. and U.S.F.S. forms.

2. Objectives and Use

The information collected was intended to help satisfy the following needs: one basic requirement information for basic recommendations in regard to the best use of land in relation parts of the state. To help answer a map of the conservation treatment needs for soil, rainfall, water in the basin. The township plats were used primarily to locate areas. Attempts to quantify the size were rarely successful. The general location of the property of each point was done by personal knowledge of the area. It was to other existing pertinent maps but it is rarely by non-residents. Therefore, the property, the State and Land Commission is frequently needed. It seems to facilitate the use of the information farmers and other private organizations if they are educationally by one-on-one and small or area basis.

LAND OWNERSHIP
Continued

In order to provide an accessable picture of the present ownership, the information on the township plats has been further transferred to County maps of a size where ½ inch equals 1 mile and to a scale of 1:500,000. This will make available a wall map of considerable value to those interested in land planning and land economics.

Being completed and underway are tabulations, the results of which will throw light on and provide direction for further approach to many factors associated with the mis-use and the correct use of land. While in preliminary form the data is tending to show that a high proportion of non-resident ownership, not under specific control, is occasionally associated with mis-use of land. In certain areas over-stocking has reduced the carrying capacity and increased erosion. In certain areas the extent of corporate owned land has influenced land use both for the better and for the worse. A number of factors concerned here are also related to the important question of taxation. Tabulation of acreages of the various classes of land along with values of both land and improvements, under the various water sheds, will likely provide information of value in connection with further studies of water conservation and use. Tabulation of data in regard to number of owners in various size classification by township and range, along with the extent of the acreage irrigated and leased state land, will be of value in connection with further studies concerned with the determination of what constitutes an economic farm or ranch

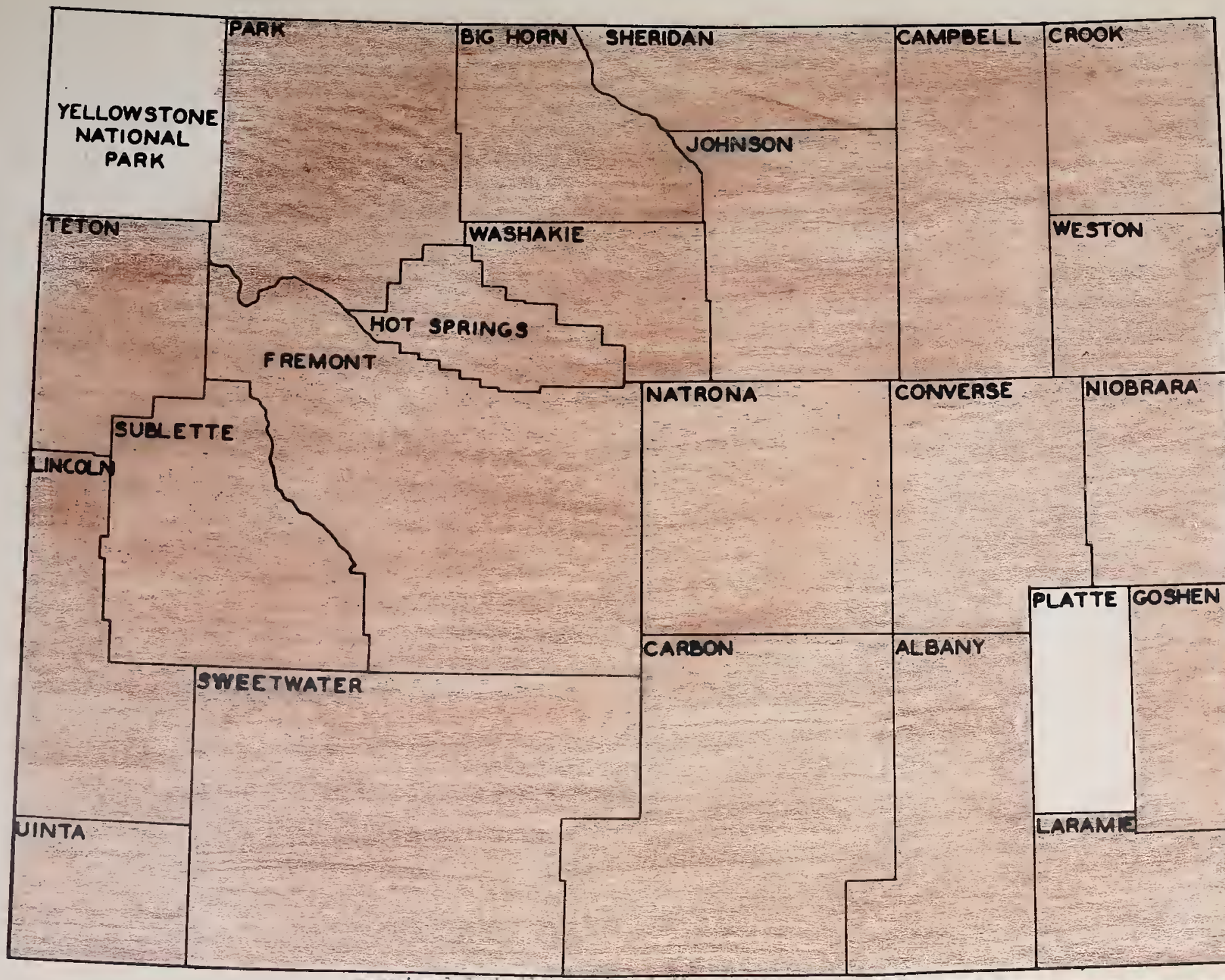
unit in the various areas.

Information collected in the ownership study is being used by the Agricultural Extension department in connection with their County Program Planning Project. The Department of Agricultural Economics of the University of Wyoming is also intending to use this data and material in further delineation and study of factors associated with the success or failure of farms and ranches. By information that is being made available under this activity, direct association can be made in the irrigated farm areas and the type and kind of soil on each farm. This is possible since all soil survey information is being made available on a scale of 2" equals 1 mile, which is similar to the scale of the township plats showing ownership.

Note: While this data is compiled and mapped as accurately as possible it is not intended to be considered free from errors. Funds or time were not available to permit a check of the copy of the schedule against the assessor's original. Accurate plat books were not always available in the county offices which on occasion limited the accuracy with ownership location. However, the maps are essentially correct as far as it was possible to secure correct data. While the personnel made available through W.P.A. and N.Y.A. funds were not all trained in this particular type of work diligence has been continually exercised in the development of the tables, indexes, and maps. As errors are found corrections are made, as far as permitted by the available data.

No 16

# WYOMING




OWNERSHIP CLASSIFICATION on county maps, scale $\frac{1}{8}$" = 1 mile. Land Ownership classification by;
Resident
Non-resident
County
*Corporate
State
Federal
as of 1935-36.

*Corporate land is land held by railroads, banks, life insurance companies, etc. Represents land not operate by owner.

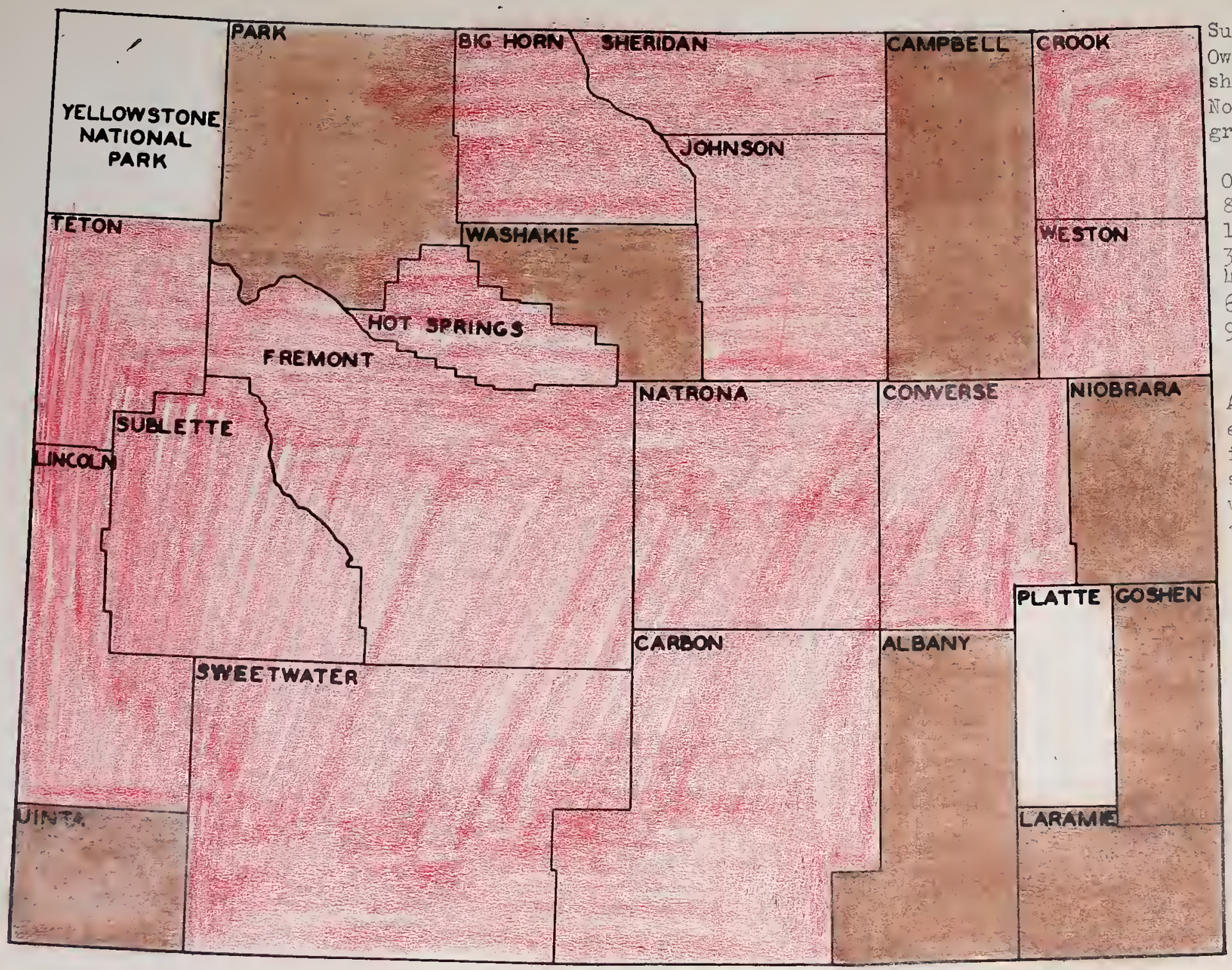
These maps are on tracing cloth and may be reproduced.

Note: The ownership maps are based on assessors schedules submitted to state office. The maps are as free of errors as the schedules received but the copy of the schedule used has not been checked against the original. Correction of subsequent errors are made on original maps.

# SKETCH MAP OF WYOMING

SCALE
WYOMING — MONTANA STATE LINE
WYOMING — IDAHO STATE LINE
WYOMING — UTAH STATE LINE
WYOMING — COLORADO STATE LINE
WYOMING — NEBRASKA STATE LINE
SOUTH DAKOTA STATE LINE
YELLOWSTONE NATIONAL PARK
PARK
BIG HORN
SHERIDAN
CHOUTEAU
CAMPBELL
WESTON
CROOK
SUNDANCE
NEWCASTLE
TETON
JACKSON
HOT SPRINGS
WASHAKIE
WORLAND
JOHNSON
FREMONT
SHOSHONE INDIAN RESERVATION
NATRONA
CASPER
CONVERSE
NIOBRARA
DOUGLAS
LUSK
SUBLETTE
LINCOLN
UINTA
EVANSTON
SWEETWATER
ROCK SPRINGS
GREEN RIVER
KEMMERER
RAWLINS
CARBON
ALBANY
LARAMIE
CHEYENNE
PLATTE
GOSHEN
TORRINGTON
WHEATLAND
BUFFALO
GILLETTE
BURLINGTON
Yellowstone Park
Cody
Powell
Lovell
Greybull
Basin
Thermopolis
Shoshoni
Lander
Riverton
Hudson
Arapahoe
Dubois
Jackson
Wilson
Moran
Kelly
Grovont
Teton
Zenith
Elk
Sunshine
Meeteetse
Valley
Wapiti
Corbett
Clark
Painter
Frannie
Chance
Belfry
Cooke
Cinnabar
Yellowstone
Canyon Hotel
Old Faithful Inn
Lake Hotel
Thumb Ran.
Fountain
Shoshone
Lewis Lake
Yellowstone Lake
Grant
Absaroka Range
Sylvan Pass
Dead Indian Pk
Sailor Pk.
Ptarmigan Mt.
Citadel Mt.
Clouds Home
Needle Mt.
Younts Pk.
Red Top
Franks Pk.
Chief Mt.
Kirwin
Spar Mt.
Wiggins Pk.
Washakie Needles
Owl Creek Mts.
Mt. Bursum
Gros Ventre River
Gros Ventre Range
Wind River
Wind River Mts.
Wind River Pk.
Temple Pk.
Atlantic Pk.
Mt. Hooker
Mt. Chauvenet
Boulder Lake
Half Moon Lake
Dinwoody Lk.
Downs Mt.
Freemont Pk.
Freemont Peak
Granite Mts.
Green Mountains
Sweetwater River
Atlantic City
South Pass City
Pacific Spgs.
Big Sandy
Big Sandy River
Green River
Continental Divide
Flaming Gorge Res.
Uinta Mts.
Kings Peak
Gilbert Peak
Henrys Fork
Blacks Fork
Hams Fork
Smiths Fork
Bear River
Thomas Fork
Muddy Creek
Little Muddy Creek
Little Snake River
Powder River
Little Powder River
Little Missouri River
Belle Fourche River
Cheyenne River
Medicine Bow River
Medicine Bow Mts.
Snowy Range
Laramie Range
Laramie River
Platte River
North Platte River
Sheep Mts.
Pumpkin Buttes
Powder River Basin
Casper Arch
Rattlesnake Range
Casper Range
Clear Creek
Crazy Woman Creek
Dry Fork
Big Muddy
Salt Creek
Shannon
Ross
Hampshire
Cheyenne R.
Spearfish
Belle Fourche
Sundance
Moorcroft
Upton
Thornton
Kara
Osage
Pedro
Cambria
Jerome
Wright
Mayoworth
Kaycee
Sussex
Barnum
Bighorn Basin
Big Horn River
Big Horn Mts.
Cloud Peak
Mather Pk.
Blacktooth
Soldiers Home
Healy
Barber
Hyattville
Bonanza
Rairden
Durkee
Manderson
Burlington
Otto
Spence
Cloverly
Himes
Shell
Shell Creek
Dry Cr.
Kearney
Watto
Carrolls
Banner
Ucross
Sheridan
Dayton
Parkman
Monarch
Wolf
Arno
Ulm
Regis
Cadillac
Kendrick
Decker
Moorhead
Graham
Ridne
Donald
Alva
Aladdin
Farrall
Beulah
Spearfish
Maurice
Manhattan
Elmore
Carlile
Bertna
Croton
Recheta
Felix
Kier
Orvis
Sparta
Gillette
Mimburn
Rozet
Weston
Moorcroft
Buckhorn
Horton
Cambria
Arvada
Clearmont
Powder River
Little Missouri River
Belle Fourche River
Lookout
Rockriver
Wilcox
Walcott
Elk Mountain
Carbon
Overland
Arlington
Morgan
Saratoga
Dad
Canyon
French
Riverside
Encampment
Rudefeha
Rambler
Battle
Holmes
Keystone
Centennial
Laramie
Forelle
Colores
Buford
Hecla
Silver Crown
Corlett
Fort Russell
Cheyenne
Durham
Albin
Burns
Egbert
Archer
Pine Bluffs
Hereford
Carr
Granite Canon
Ozone
Canon
Bone
Speer
Camp Stool
Arcola
Carpenter
Tie Siding
Hermosa Sta.
Jelm
Esparks
Glenrock
Bixelder
Hammond
Laborde
Arnold
Alberta
Carey
Clayton
Glenrock
Big Muddy
Lockett
Glenrouss
Careyhurst
Linet
North
Lusk
Hatcreek
Kirtley
Keeline
Manville
Lost Spring
Bona
Willow
Glendo
Cassa
Macfarlane
Wendover
Esterbrook
Springhill
Little Medicine
Fishcreek
Binford
Marshall
Tottec
Wyman
Owen
Garrett
Shirley
Difficulty
Uva
Wheatland
Lakeview
Vaughn
Lingle
Hawes
Bordeaux
Dover
Grant
Chugwater
Moore
Sibylee
Hagie
Meriden
Lagrange
Phillips
Diamond
Bear Cr.
Horse Cr.
Meadow
Iron Mountain
Little Bear
Altus
Gallio
Albins
Wyoming
Howell
Cooper Lake
Bosler

# WYOMING




Summary of Ownership Data showing No. owners in groups

0 - 80
81 - 160
161 - 320
321 - 480
481 - 640
641 - 960
961 & above.

Also showing extent of irrigate land state leases with averages and totals.

Constructed Oct. 1936 Index Map No. 20 LAND OWNERSHIP Page 4/6

CAMPBELL COUNTY

OWNERSHIP CLASSIFICATION SUMMARY

A - - RESIDENT OWNER
B - - NON-RESIDENT OWNER
C - - CORPORATE

| | 0 - 80 | | | 81 - 160 | | | 161 - 320 | | | 321 - 480 | | | 481 - 640 | | | 641 - 960 | | | 961 & above | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C |
| Total No. Owners | 235 | 86 | 39 | 245 | 110 | 27 | 581 | 306 | 53 | 319 | 101 | 11 | 710 | 330 | 28 | 227 | 37 | 17 | 356 | 45 | 92 |
| Average acreage | 57 | 56 | 58 | 150 | 155 | 152 | 302 | 303 | 262 | 425 | 446 | 451 | 617 | 633 | 608 | 708 | 810 | 695 | 2887 | 3026 | 4097 |
| No. owners Irrigated land | | | | 1 | | | 2 | 1 | | | | | 1 | | | | | | 1 | | |
| Average acreage | | | | 100 | | | 302 | 190 | | | | | 640 | | | | | | 50 | | |
| No. lessees | | 62 | | | 38 | | | 52 | | | 28 | | | 179 | | | 22 | | | 86 | |
| Average acreage | | 66 | | | 198 | | | 226 | | | 339 | | | 615 | | | 501 | | | 529 | |

TOTAL OWNERS
A - 2773
B - 1015
C - 267

AVERAGE ACREAGE (Weighted)
A - 728
B - 527
C -1614

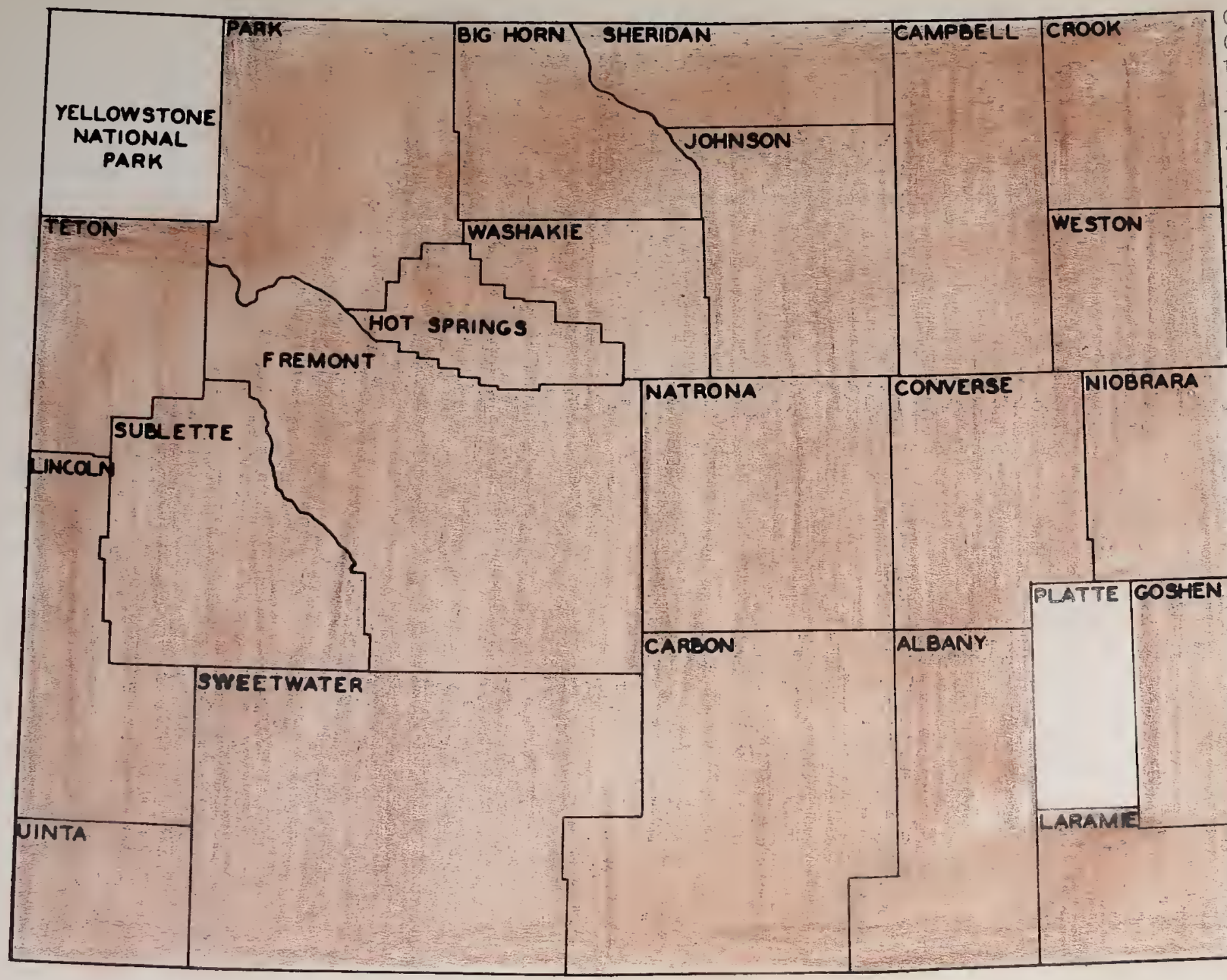
No. Owners Irrigated land
A - 5
B - 1
C - 0

Average acreage
A - 279
B - 190

NO. LESSEES
467

AVERAGE ACRES LEASED
427

# WYOMING



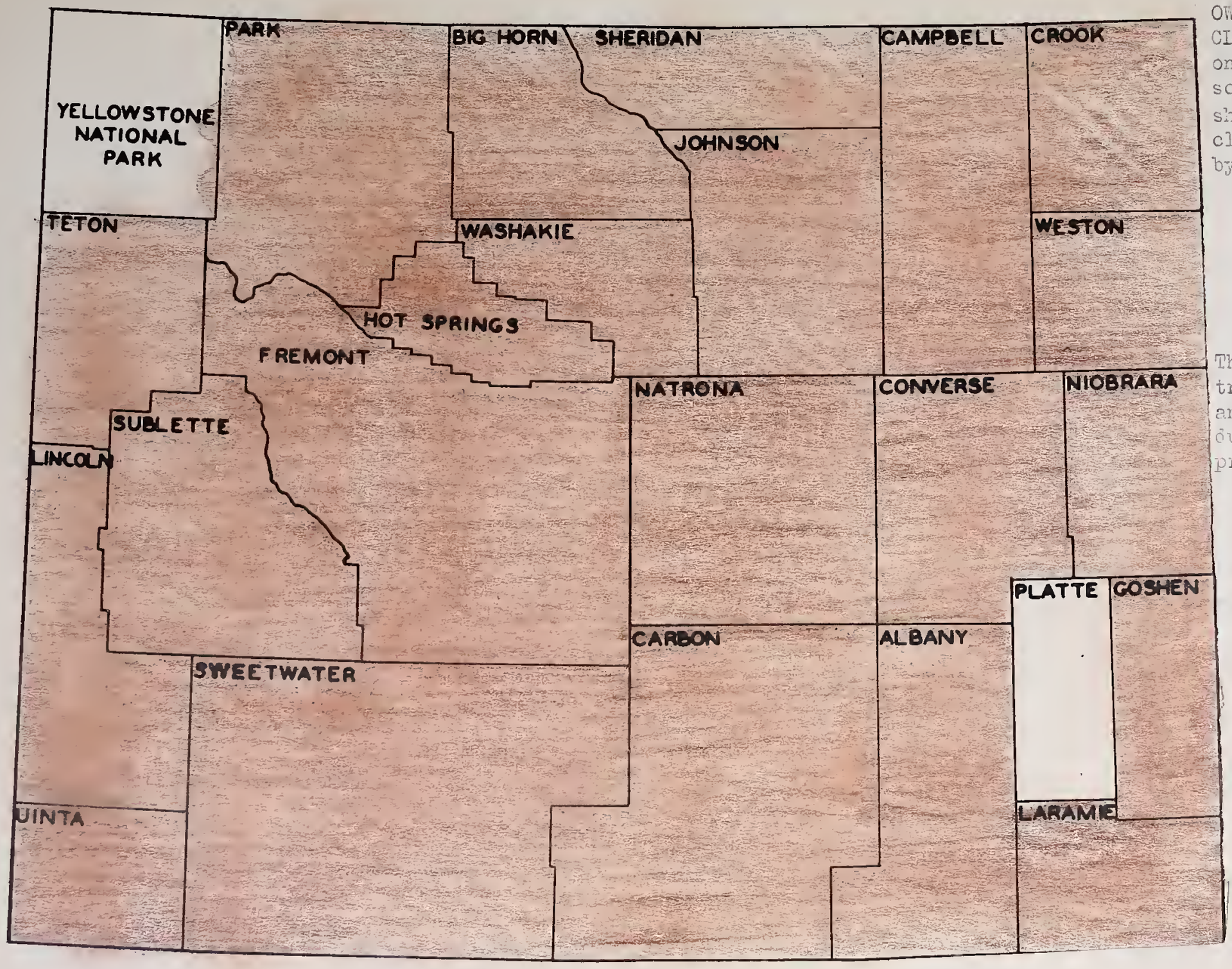

OWNERSHIP CLASSIFICATION by typewritten indexes showing by counties, in alphabetical order:
Name of owner
Address of owner
Township & range of land owned.
Owners classification symbol
Total acres owned also
Indexes showing by counties:
Township & Range
Name of Owner
Address of Owner
Classification symbol
Assessor's classification of land
Total acres of land
Value of improvements
Value of land

Constructed October 1936

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 21

# WYOMING




OWNERSHIP CLASSIFICATION on township plats scale 2" = 1 mile showing ownership classification by:

Resident
Non-Resident
County
Corporate
State
Federal

These maps are on transparent paper and may be reproduced by blue print.

Constructed
October 1936

SCALE
0 5 10 20 30 40 60 MILES

Index Map No. 22

# POPULATION

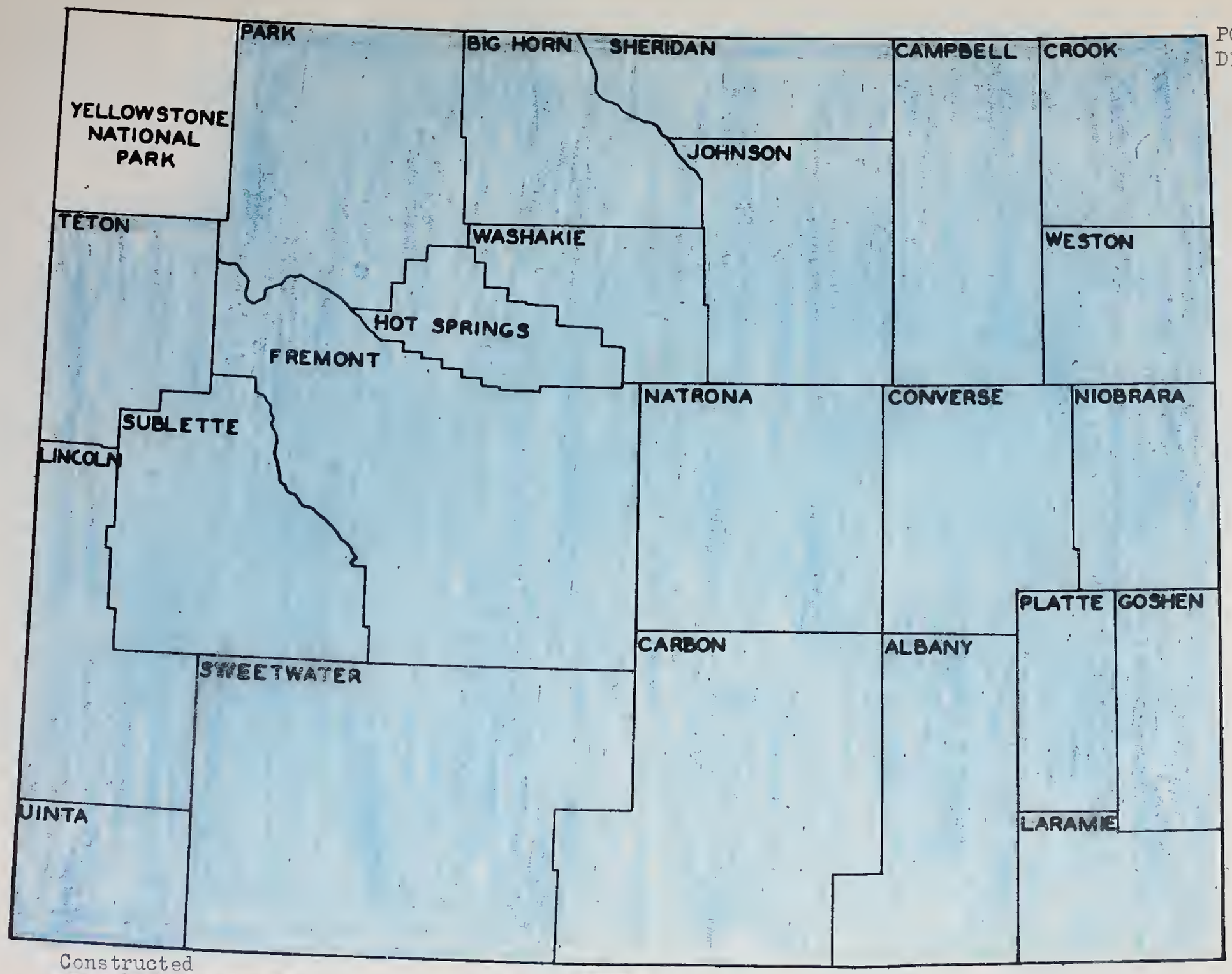
I. The Census of 1930 supplied the basic information. The distribution of population within the various M.C.D.'s of the state was further checked by the members of the Dept. of Agronomy and Agricultural Economics, the B.A.E. and the State Land Planning Specialist.

II. Objectives and Use

The concentration of people in various parts of the state has, naturally, an influence on land use planning. Population studies in connection with various activities, are being contemplated in order to provide information necessary for the determination of the factors involved in the adjustment of population to the natural resources, in the more critical areas.

# WYOMING

POPULATION
DISTRIBUTION




Constructed
October 1936

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 23

PRECIPITATION AND RAINFALL

I. These data have been compiled by the Dept. of Agronomy and Agricultural Economics of the University of Wyoming, the Bureau of Agricultural Economics U.S.D.A., and the Land Planning Specialist L.U. Division of the Resettlement Administration -- 1930 - 1936.

II. Objectives and Use

Adequate information in regard to precipitation is perhaps next in importance to adequate information of soils and their productive capacity as far as the problems of land use planning are concerned. While this office is putting in a usable form all such data available there is a lamentable shortage. The number of cooperative observers, that record temperature and precipitation, should be materially increased. The diverse topography, among other factors, influences within relatively narrow margins the rainfall of various areas. For this reason, it is frequently difficult to generalize with accuracy even between townships. However, we are attempting to make the best possible use of the data available.

ANNUAL AND SEASONAL RAINFALL AT SELECTED STATIONS IN WYOMING
(Data from U. S. Weather Bureau)

| AREA & STATION | AVERAGE ANNUAL RAINFALL: No. of years of record | Amount inches | Standard Deviation of inches | Coefficient Variation percent | No. of years on record | Amount inches | Standard Deviation of inches | Coefficient of Variation percent | Percent Season is of annual al |
|---|---|---|---|---|---|---|---|---|---|
| | years | | | | years | | | | percent |
| SOUTHEASTERN WYO. | | | | | | | | | |
| Cheyenne | 61 | 14.2 | 1.9 | 13.38 | 61 | 11.15 | 1.5 | 13.45 | 78.5 |
| Laramie | 61 | 11.0 | 2.14 | 19.45 | 51 | 6.64 | 1.5 | 22.59 | 60.4 |
| Ft. Laramie | 45 | 13.9 | 1.5 | 10.79 | 45 | 10.9 | 1.68 | 15.45 | 78.4 |
| Chugwater | 29 | 15.9 | 3.1 | 19.49 | 29 | 11.5 | 2.2 | 19.13 | 72.3 |
| Pine Bluffs | 23 | 16.5 | 3.7 | 22.38 | 23 | 12.8 | 2.8 | 21.87 | 77.6 |
| EAST CENTRAL WYO. | | | | | | | | | |
| Lusk | 35 | 15.1 | 2.6 | 17.21 | 35 | 10.8 | 1.9 | 17.59 | 71.5 |
| Douglas | 21 | 14.0 | 3.2 | 22.85 | 21 | 9.7 | 3.05 | 31.44 | 69.3 |
| NORTHEASTERN WYO. | | | | | | | | | |
| Newcastle | 26 | 15.5 | 2.8 | 18.06 | 26 | 11.4 | 2.4 | 21.65 | 73.5 |
| Knowles | 24 | 21.4 | 3.4 | 15.88 | 24 | 14.06 | 3.39 | 24.11 | 65.7 |
| Echeta | 19 | 16.2 | 3.9 | 24.07 | 19 | 10.3 | 2.6 | 25.24 | 63.6 |
| NORTH CENTRAL WYO. | | | | | | | | | |
| Sheridan | 40 | 15.2 | 2.5 | 16.44 | 40 | 8.19 | 1.68 | 20.51 | 53.9 |
| Buffalo | 32 | 12.6 | 2.4 | 19.04 | 32 | 9.14 | 1.8 | 19.7 | 72.5 |
| CENTRAL WYO. | | | | | | | | | |
| Lander | 42 | 13.6 | 2.2 | 16.17 | 42 | 8.27 | 1.3 | 15.71 | 60.8 |
| Pathfinder | 23 | 16.5 | 2.8 | 16.96 | 23 | 7.14 | 1.3 | 18.21 | 43.3 |
| Casper | 18 | 15.2 | 3.8 | 2500 | 18 | 9.38 | 2.26 | 24.09 | 61.7 |
| Ervoy | 23 | 13.5 | 2.9 | 21.49 | 23 | 10.85 | 2.4 | 22.12 | 80.4 |
| BIG HORN BASIN | | | | | | | | | |
| Cody | 23 | 9.5 | 2.1 | 22.10 | 23 | 6.79 | 1.6 | 23.56 | 71.5 |
| Basin | 29 | 6.5 | 3.05 | 45.38 | 29 | 4.04 | 2.7 | 66.8 | 62.2 |
| Worland | 20 | 8.2 | 1.95 | 23.78 | 20 | 5.82 | 1.4 | 25.22 | 71.0 |
| Thermopolis | 23 | 12.9 | 2.8 | 21.70 | 23 | 9.19 | 2.1 | 22.85 | 71.2 |
| WESTERN WYO. | | | | | | | | | |
| Evanston | 35 | 13.7 | 2.4 | 17.51 | 35 | 6.8 | 1.1 | 16.03 | 49.6 |
| Green River | 24 | 7.2 | 1.6 | 22.22 | 24 | 4.66 | 1.03 | 22.01 | 64.7 |
| Border | 32 | 12.7 | 2.37 | 18.66 | 32 | 6.1 | 1.15 | 18.85 | 48.0 |
| Pinedale | 14 | 12.11 | 3.3 | 27.25 | 14 | 7.74 | 1.9 | 24.54 | 63.9 |
| Moran | 21 | 21.2 | 4.8 | 22.64 | 2. | 9.49 | 2.1 | 22.15 | 44.8 |

# WYOMING

SCALE - STATUTE MILES

0 10 25 50 75 100

YELLOWSTONE NATIONAL PARK
PARK
BIG HORN
SHERIDAN
CAMPBELL
CROOK
JOHNSON
WESTON
WASHAKIE
TETON
FREMONT
HOT SPRINGS
NATRONA
CONVERSE
NIOBRARA
SUBLETTE
PLATTE
GOSHEN
SWEETWATER
CARBON
ALBANY
LINCOLN
UINTA
LARAMIE

111° 110° 109° 108° 107° 106° 105° 104°

45° 44° 43° 42° 41°

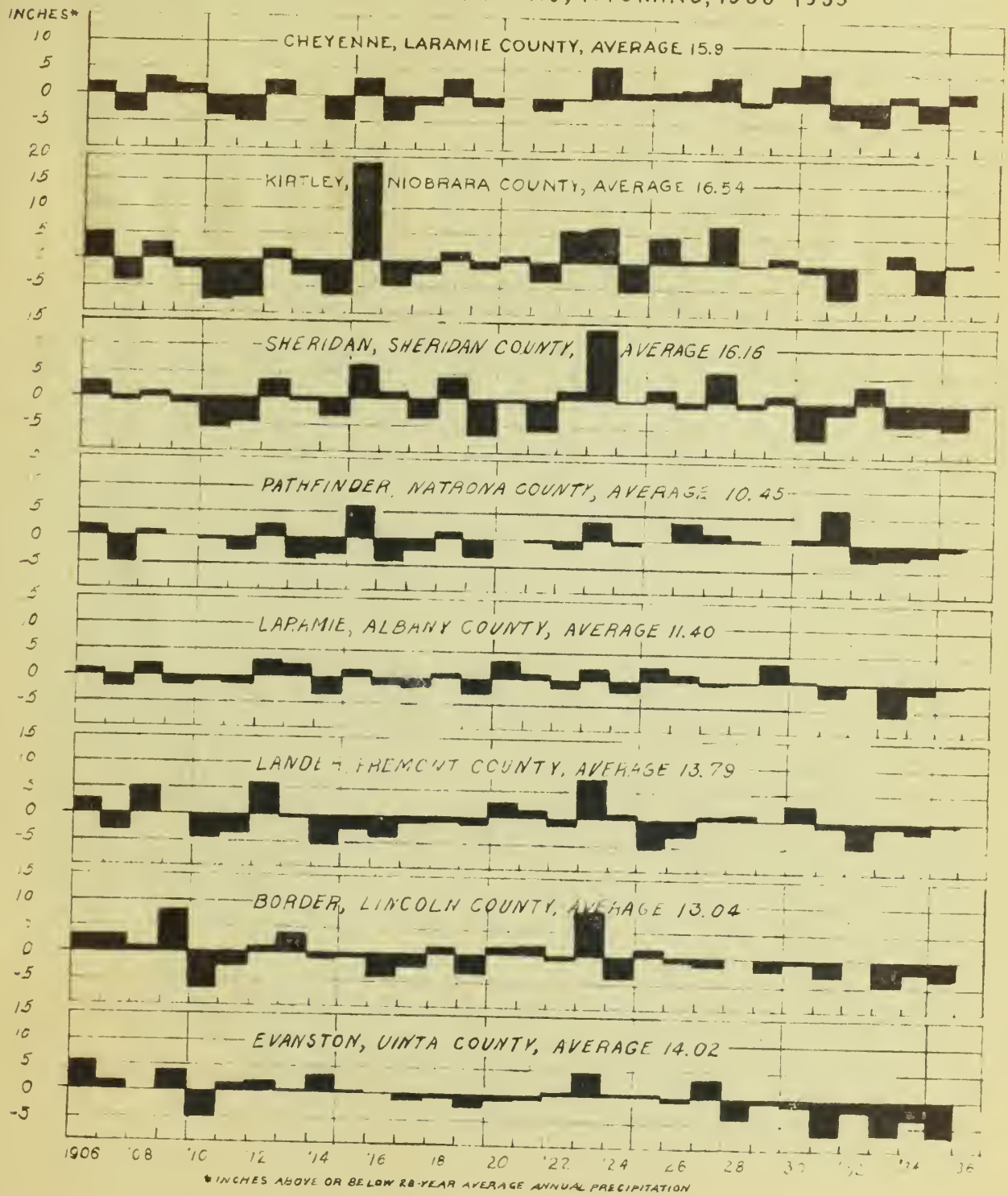
JAN. 1, 1925

PRECIPITATION

Index Map No. 25

Points mark the approximate location of Station. Data indicates mean precipitation and number of years of record until 1934.

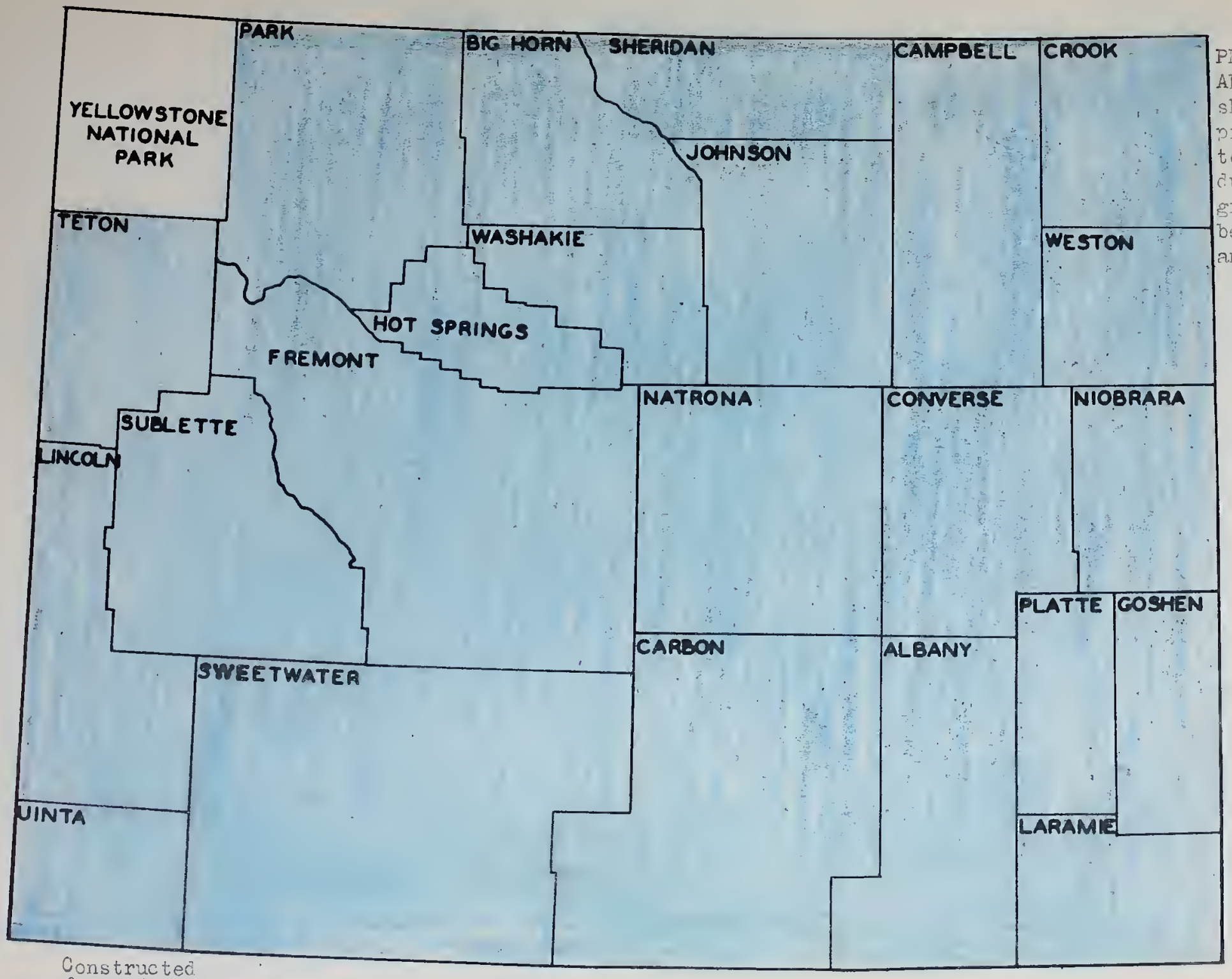
# VARIATION OF ANNUAL PRECIPITATION FROM 28-YEAR AVERAGE AT 8 WEATHER OBSERVATION STATIONS, WYOMING, 1906-1933


INCHES*
CHEYENNE, LARAMIE COUNTY, AVERAGE 15.9
KIRTLEY, NIOBRARA COUNTY, AVERAGE 16.54
SHERIDAN, SHERIDAN COUNTY, AVERAGE 16.16
PATHFINDER, NATRONA COUNTY, AVERAGE 10.45
LARAMIE, ALBANY COUNTY, AVERAGE 11.40
LANDER, FREMONT COUNTY, AVERAGE 13.79
BORDER, LINCOLN COUNTY, AVERAGE 13.04
EVANSTON, UINTA COUNTY, AVERAGE 14.02
1906 '08 '10 '12 '14 '16 18 20 '22 '24 26 28 30 '32 '34 36

* INCHES ABOVE OR BELOW 28-YEAR AVERAGE ANNUAL PRECIPITATION

Index Map Number 26

# WYOMING




PRECIPITATION AND RAINFALL showing the propotion of the total falling during the growing season between April and September

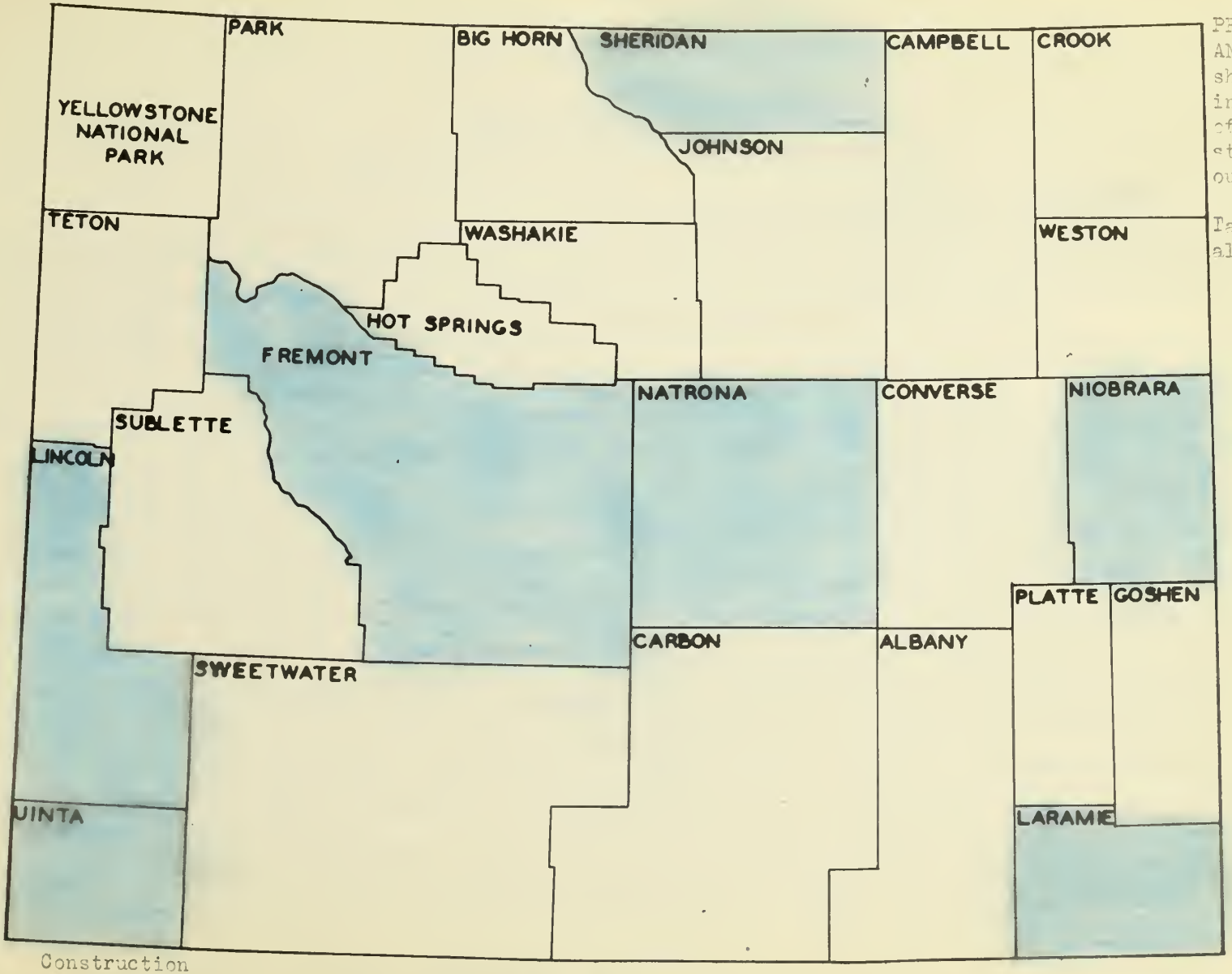
Constructed October 1936

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 27

Page 5-6

# WYOMING




PRECIPITATI
AND RAINFAL
showing var
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out State.

Tabulations
also variab

Construction
October 1936

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 38

Page 57

PUBLIC FINANCE
City and County financial Status

I. These data were collected by the Dept. of Agricultural Economics of the University of Wyoming under the direction of the Bureau of Public Roads. The analysis and organization of the report has been primarily the work of officials of the B.P.R. Data collected during 1934.

II. Objectives and Use

The purpose of the study, as indicated in the report, was to obtain from public records of receipts expenditures, debts and debt payments and an analysis of public finance which would show: (1) the relation of highway costs to the cost of all functions performed by governmental agencies, (2) to determine which units of government were responsible for the administration of highway functions and the extent the responsibilities so exercised affected the financial operations of the various classes of governmental units, (3) the method of financing the highways, (4) the extent of debts incurred, (5) the type of tax or impost used for the support of each class of highway, (6) comparisons between rural areas and urban areas according to size, showing the relative tax burden carried by residents and property located within these particular areas and showing the amount expended within them by all governmental agencies.

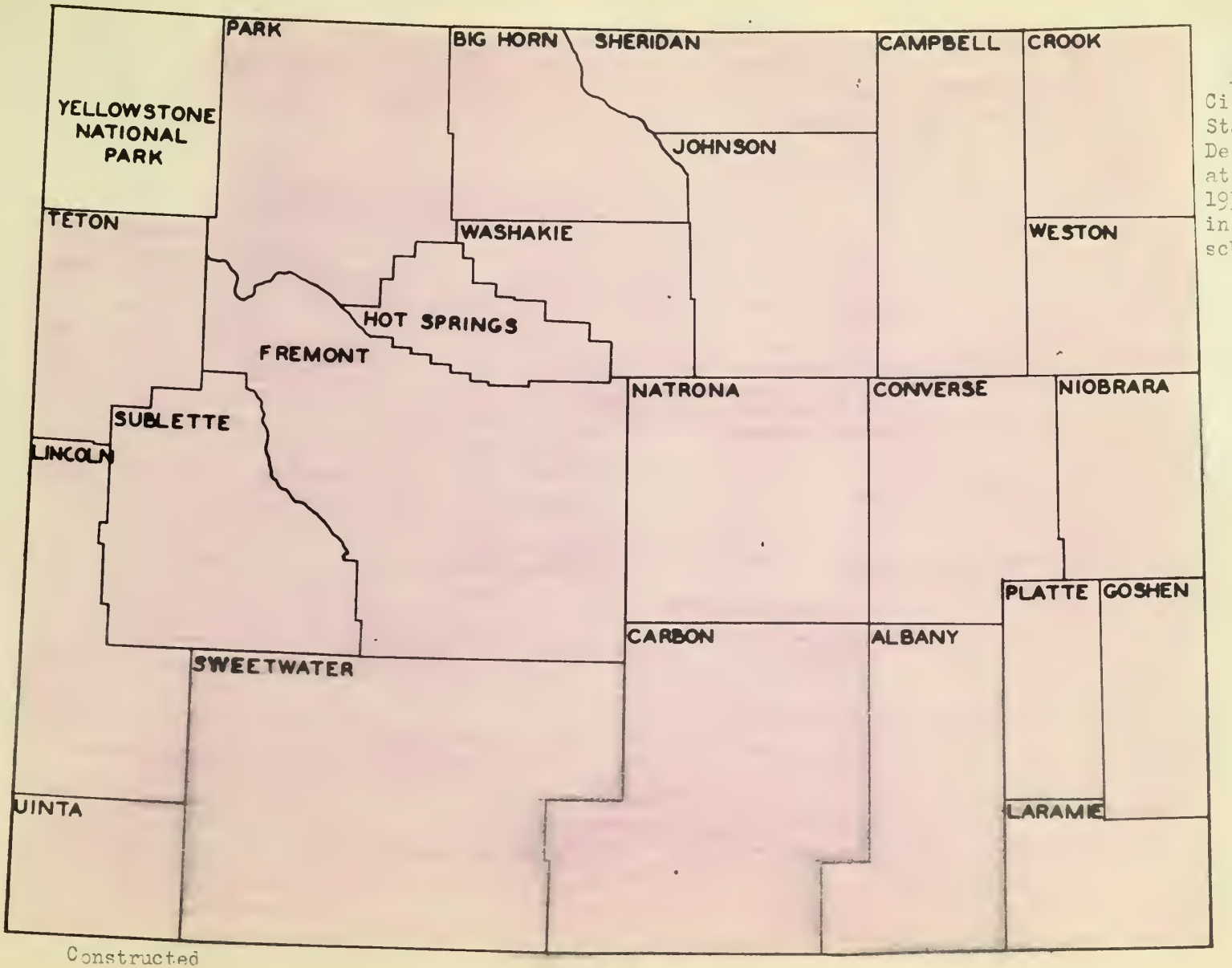
Note: Manuscript at present unpublished.

7. Under this head is collected by the Dept. of Agriculture [illegible] the Treasury of [illegible] under the direction of the Minister of Public Works. The [illegible] are [illegible] by [illegible] the Board of Guardians of the R.C.C. [illegible] Local Taxation [illegible].

II. Objections and Use

The purpose of [illegible] is [illegible] to [illegible], and [illegible] [illegible] of [illegible] objections. [illegible] [illegible] [illegible]

# WYOMING




PUBLIC FI
City Financ
Status
Detailed in
ation for y
1932 as ind
in attached
schedule.

Constructed
October 1936

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 39

Page 59

FORM MF 1

CASH EXPENDITURES OF TOWNS AND CITIES

STATE OF_____ YEAR ENDING_____ TOWN OR CITY OF_____ IN THE COUNTY OF_____

| FUND - ITEM | TOTAL | FOR HIGHWAYS | FOR EDUCATION | FOR PUBLIC BENEFIT | FOR GOVERNMENT |
|---|---|---|---|---|---|
| GENERAL FUND | | | | | |
| MAYOR & COUNCIL (G) | | | | | |
| CITY CLERK (G) | | | | | |
| CITY TREASURER (G) | | | | | |
| CITY ATT'Y (P) | | | | | |
| POLICE MAGISTRATE (P) | | | | | |
| POLICE DEPT. (P) | | | | | |
| STREETS & ALLEYS (H) | | | | | |
| CONSTRUCTION | | | | | |
| MAINTENANCE | | | | | |
| OVERHEAD | | | | | |
| STREET CLEANING (P) | | | | | |
| STREET LIGHTING (P) | | | | | |
| SEWER MAINTENANCE(P) | | | | | |
| CITY & TOWN HALL (G) | | | | | |
| PRINTING (G) | | | | | |
| OTHER | | | | | |
| LIBRARY FUND (E) | | | | | |
| PARK FUND (P) | | | | | |
| UTILITIES FUND (P) | | | | | |
| OPERATION & MAINTENANCE | | | | | |
| INTEREST(NOT INCL.BELOW) | | | | | |
| OUTLAYS | | | | | |
| INTEREST FUND | | | | | |
| SPECIAL ASS'MT FUNDS (H-P) | | | | | |
| INTEREST | | | | | |
| OUTLAYS, ETC. | | | | | |
| OTHER FUNDS | | | | | |

Sample of schedule used in collection data for public finance study of Bureau of Public Roads in cooperation with Dept. of Agricultural Economics of University of Wyoming

(5807-34)

FORM MF 2

# CASH REVENUES OF TOWNS AND CITIES
## (OTHER THAN GENERAL PROPERTY TAXES)

STATE OF_____ YEAR ENDING_____ TOWN OR CITY OF_____ IN COUNTY OF_____

| FUND - ITEM | TOTAL | FOR HIGHWAYS | FOR EDUCATION | FOR PUBLIC BENEFIT | FOR GOVERNMENT |
|---|---|---|---|---|---|
| | M I S C E L L A N E O U S R E C E I P T S | | | | |
| GENERAL FUND | | | | | |
| LICENSES | | | | | |
| FEES | | | | | |
| PERMITS | | | | | |
| COM. REV. | | | | | |
| INT. & PEN. ON TAX | | | | | |
| OTHER | | | | | |
| LIBRARY FUND | | | | | )net misc. cash rec. )in ex- )cess of cash exp. |
| PARK FUND | | | | | |
| UTILITIES FUND | | | | | |
| SPECIAL ASS'MT. FUNDS | | | | | |
| OTHER | | | | | |
| | | O F F S E T S | | | |
| GEN.FUND | | | | | |
| SALES JUNK ETC. | | | | | |
| INT. ON DEPOSITS | | | | | |
| REIMBURSEMENTS | | | | | |
| LIBRARY FUND | | | | | |
| PARK FUND | | | | | |
| UTILITIES FUND | | | | | |
| SPEC. ASS'MT FUNDS | | | | | |
| OTHER FUNDS | | | | | |

(5807-34)

(Continued)

FORM MF 2

CASH REVENUES OF TOWNS AND CITIES
(Continued)

STATE OF_____ YEAR ENDING_____ TOWN OR CITY OF_____
IN COUNTY OF_____

| FUND - ITEM | TOTAL | FOR HIGHWAYS | FOR EDUCATION | FOR PUBLIC BENEFIT | FOR GOVERNMENT |
|---|---|---|---|---|---|
| | | O F F S E T S (Continued) | | | |
| | | A I D S R E C E I V E D | | | |
| | | B O R R O W E D D U R I N G Y E A R | | | |
| BONDS | | | | | |
| SPEC. ASS'MT | | | | | |
| UTILITY | | | | | |
| OTHER | | | | | |
| NOTES | | | | | |
| LOANS | | | | | |

(5807-34)

FORM MF 3

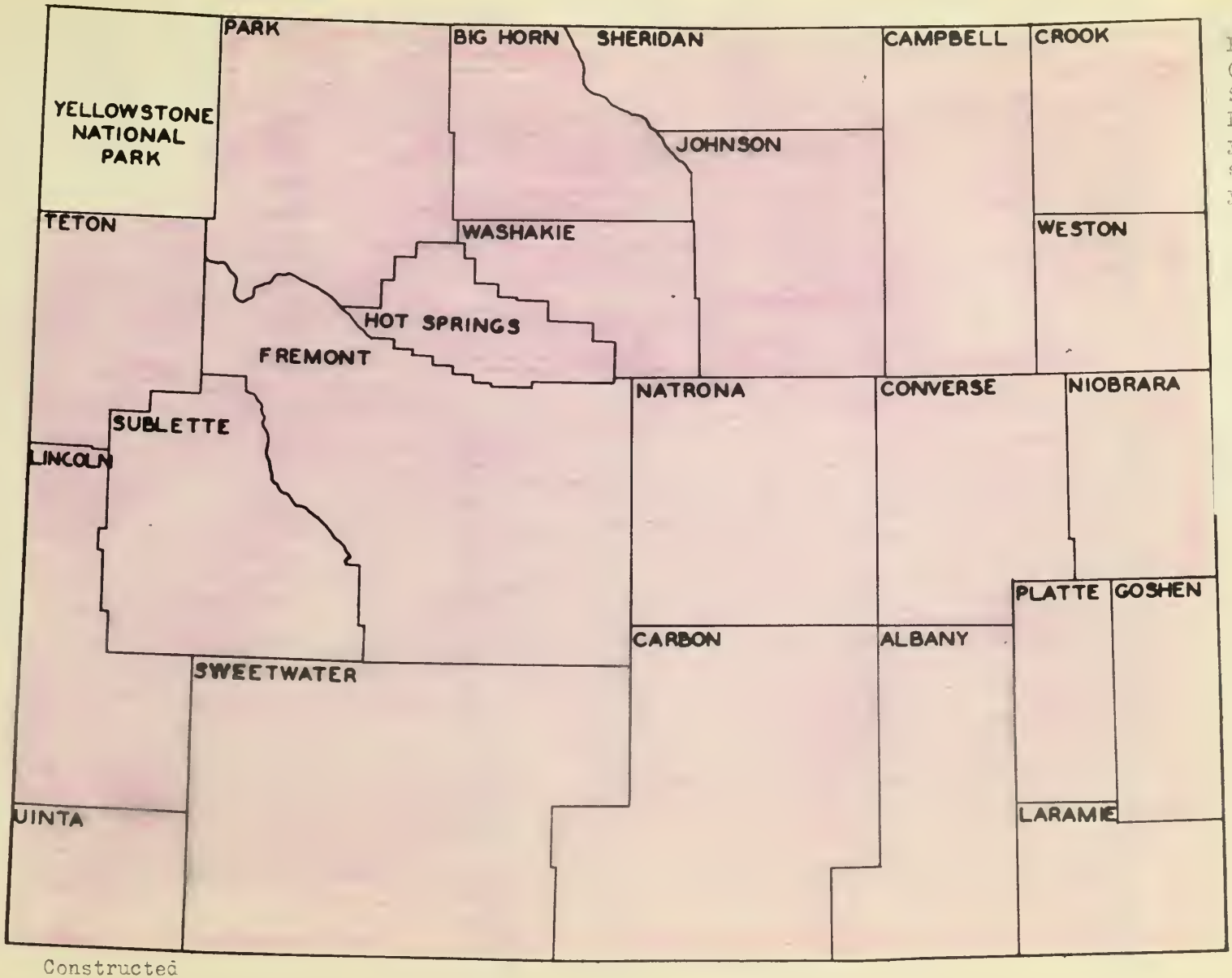
INDEBTEDNESS DATA OF TOWNS AND CITIES

STATE OF_____ YEAR ENDING_____ CITY OR TOWN OF_____ IN COUNTY OF_____

| TYPE OF OBLIGATION PURPOSE (List each issue | TOTAL | FOR HIGHWAYS | FOR EDUCATION | FOR PUBLIC BENEFIT | FOR GOVERNMENT |
|---|---|---|---|---|---|
| D E B T O U T S T A N D I N G (end of year) | | | | | |
| BONDS | | | | | |
| GENERAL | | | | | |
| UTILITY | | | | | |
| SPEC. ASS'MT | | | | | |
| NOTES | | | | | |
| LOANS | | | | | |
| D E B T R E T I R E D | | | | | |
| BONDS | | | | | |
| GENERAL | | | | | |
| UTILITY | | | | | |
| SPEC. ASS'MT | | | | | |
| NOTES | | | | | |
| LOANS | | | | | |
| I N T E R E S T | | | | | |
| BONDS | | | | | |
| GENERAL | | | | | |
| UTILITY | | | | | |
| SPEC. ASS'MT | | | | | |
| NOTES | | | | | |
| LOANS | | | | | |

(5807-34)

# WYOMING




Constructed
October 1936

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 30

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Public Fina
County Fin
Status
Detailed
year 1932,
summarized
year 1928-1

GENERAL SUMMARY OF FINANCIAL DATA REQUIRED FOR EACH GOVERNMENTAL UNIT

Sample of schedule used in Public Finance study of B.P.R. and U. of Wyo

| REVENUE ITEMS IN EACH FUND | Purpose of Revenue: TOTAL | HIGHWAYS | EDUCATION | PUBLIC BENEFIT | GOVERNMENT |
|---|---|---|---|---|---|
| IMPOSTS | | | | | |
| General Prop. Taxes for Expenditure | | | | | |
| General Prop. " " Debt. Retirement | | | | | |
| Special Prop. " " Expenditure | | | | | |
| Special " " " Debt. Retirement | | | | | |
| Special Ass'mt for Expenditure | | | | | |
| " " " Debt Retirement | | | | | |
| M.V. [ ] | | | | | |
| NON-IMPOSTS | | | | | |
| Aids from other governmental units | | | | | |
| Offsets to expenditures | | | | | |
| Borrowings - bonds, notes, loans | | | | | |

* Special analysis of State Aids for Highways diverted to the various purposes.

| OUTGO ITEMS AND DEBT IN EACH FUND | Purpose of Disbursement: TOTAL | HIGHWAYS | EDUCATION | PUBLIC BENEFIT | GOVERNMENT |
|---|---|---|---|---|---|
| EXPENDITURES | | | | | |
| Construction | | | | | |
| Maintenance | | | | | |
| Overhead | | | | | |
| Interest | | | | | |
| AIDS TO OTHER GOVERNMENTAL UNITS | | | | | |
| DEBT RETIREMENTS | | | | | |
| Bonds | | | | | |
| Loans | | | | | |
| DEBT OUTSTANDING | | | | | |
| Bonds | | | | | |
| Notes | | | | | |

CF 1

# CASH EXPENDITURES OF COUNTIES*

STATE OF_____ YEAR ENDING_____ COUNTY OF_____

| FUND AND ITEM | | TOTAL | HIGHWAYS | EDUCATION | PUBLIC BENEFIT | GOVERNMENT |
|---|---|---|---|---|---|---|
| ORDINARY FUND | | | | | | |
| COUNTY COMMISSIONERS | (G) | | | | | |
| CLERK | (G) | | | | | |
| TREASURER | (G) | | | | | |
| ASSESSOR | (G) | | | | | |
| SHERIFF | (P) | | | | | |
| SUPT. OF SCHOOLS | (E) | | | | | |
| WATER COMMISSIONER | (P) | | | | | |
| DISTRICT ATT'Y | (P) | | | | | |
| DIST. COURT | (P) | | | | | |
| COUNTY ATT'Y | (P) | | | | | |
| COUNTY COURT | (P) | | | | | |
| JUSTICE COURT | (P) | | | | | |
| COUNTY CORONER | (P) | | | | | |
| COUNTY JAIL | (P) | | | | | |
| COURT HOUSE | (G) | | | | | |
| POOR AND PAUPER | (P) | | | | | |
| COUNTY LIBRARY | (E) | | | | | |
| COUNTY HOME | (P) | | | | | |
| COUNTY HOSPITAL | (P) | | | | | |

Sample of schedule used in Public Finance study of B.P.R. and U. of Wyo.

*Do not include expenditures of Road Fund or Spec. Districts; see Forms CFa & CSF

(5807-34)

FORM CF 1

CASH EXPENDITURES OF COUNTIES (Continued)

STATE OF_____ YEAR ENDING_____ COUNTY OF_____

| FUND AND ITEM | TOTAL | HIGHWAYS | EDUCATION | PUBLIC BENEFIT | GOVERNMENT |
|---|---|---|---|---|---|
| MOTHERS COMPENSATION (P) | | | | | |
| BLIND (P) | | | | | |
| ADVERTISING | | | | | |
| FOR TAX SALES (G) | | | | | |
| FOR TOURIST TRADE ETC (P) | | | | | |
| COURT HOUSE (G) | | | | | |
| CONTINGENT ( ) | | | | | |
| COUNTY FAIR (P) | | | | | |
| JUDGMENT (P) | | | | | |
| INTEREST | | | | | |
| BONDS | | | | | |
| NOTES | | | | | |
| LOANS | | | | | |
| OTHER COUNTY FUNDS | | | | | |
| | | | | | |

COUNTY AIDS TO OTHER GOVERNMENTAL UNITS

| | | | | | |
|---|---|---|---|---|---|
| GEN. SCHOOL TAX PAID DIST. TREASURER. | | | | | |

(5807-34)

FORM CFa

DETAIL OF HIGHWAY FINANCIAL STATISTICS OF COUNTIES

STATE OF_____ YEAR ENDING_____ COUNTY OF_____

| ITEM | TOTAL | CONSTRUCTION | MAINTENANCE | INTEREST* (by type of obligation) | OTHER OVERHEAD | REMARKS |
|---|---|---|---|---|---|---|
| CASH EXPENDITURES (List items) | | | | | | List amounts transferred to each of the several funds and give purpose for which used. |
| TOTAL | | | | | | space for office tabulation |
| LESS OFFSETS | | | | | | |
| NET EXPENDITURES | | | | | | |

*Includeoonly the interest paid directly out of Road Fund; not out of Interest fund; see Form CF1

(5807-34)

FORM CF 2

# REVENUE RECEIPTS OF COUNTIES

STATE OF_____ YEAR ENDING_____ COUNTY OF_____

| FUND AND ITEM | TOTAL | HIGHWAYS | EDUCATION | PUBLIC BENEFIT | GOVERNMENT | |
|---|---|---|---|---|---|---|
| ------0------MISCELLANEOUS CASH RECEIPTS*------0------ | | | | | | |
| | | | | | | *Do not include items in Road Fund. See Form CFb |
| TOTAL | | | | | | |

OFFSETS*

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | *Do not include items in Road Fund; See Form CFb |
| TOTAL | | | | | | |

(5807-34)

FORM CF 2

REVENUES OF COUNTIES (Continued)

STATE OF_____ YEAR ENDING_____ COUNTY OF_____

| FUND AND ITEM (List Under Each Head) | TOTAL | HIGHWAYS | EDUCATION | PUBLIC BENEFIT | GOVERNMENT | |
|---|---|---|---|---|---|---|
| AIDS | | | | | | |
| BORROWINGS* (List Issues) BONDS | | | | | | *Do not include Borrowings for Highways. See form CFb |
| NOTES | | | | | | |
| LOANS | | | | | | |

SPECIAL INFORMATION * GENERAL PROPERTY TAXES COLLECTED IN 1932

| | On 1931 LEVIES | ON PRIOR LEVIES | FUND | ON 1931 LEVIES | ON PRIOR LEVIES | |
|---|---|---|---|---|---|---|

(5807-34)

FORM CF 3

INDEBTEDNESS AND DEBT SERVICE OF COUNTIES*

STATE OF_____ AT END OF YEAR_____ COUNTY OF_____

| TYPE AND PURPOSE OF OBLIGATION (List each issue) | TOTAL | HIGHWAYS | EDUCATION | PUBLIC BENEFIT | GOVERNMENT |
|---|---|---|---|---|---|
| OUTSTANDING | | | | | |
| BONDS | | | | | |
| NOTES | | | | | |
| LOANS | | | | | |
| RETIRED | | | | | |
| BONDS | | | | | |
| NOTES | | | | | |
| LOANS | | | | | |
| INTEREST** | | | | | |
| BONDS | | | | | |
| NOTES | | | | | |
| LOANS | | | | | |

* Do not include special district data (drainage, irrigation, etc; see Form CSF)
**This is detail for Interest Expenditures on Form CF1

(5807-34)

FORM CSF

# FINANCIAL DATA OF SPECIAL DISTRICTS
(All items are Public Benefit Classification)

STATE OF_____ YEAR ENDING_____ IN COUNTY OF_____

| DISTRICT - (Name and total amounts) PORTION EACH TOWN & CITY (By name) RURAL PORTION (Balance) | DEBT OUTSTANDING END OF YEAR | DEBT RETIRED DURING YEAR | CASH EXPENDITURES DURING YEAR | | SPECIAL ASS'MT COLLECTED DURING YEAR | BORROWINGS DURING YEAR |
|---|---|---|---|---|---|---|
| | | | INTEREST | OTHER | | |
| | | | | | | |

(5807-34)

FORM CFSD

SCHOOL DISTRICT FINANCIAL STATISTICS
(To be obtained from County Clerk or Treasurer)

STATE OF_____ COUNTY OF_____

| DISTRICT | INTEREST ON DEBT | | | DEBT RETIRED | | | DEBT OUTSTANDING | | |
|---|---|---|---|---|---|---|---|---|---|
| | 6/30/32 | 6/30/33 | Average | 6/30/32 | 6/30/33 | Average | 6/30/32 | 6/30/33 | Average |
| DISTRICT # | | | | | | | | | |
| Place | | | | | | | | | |
| Rural Portion | | | | | | | | | |
| DISTRICT # | | | | | | | | | |
| Place | | | | | | | | | |
| Rural Portion | | | | | | | | | |

(5807-34)

PUBLIC FINANCE
Study of Rural Schools and related social services.

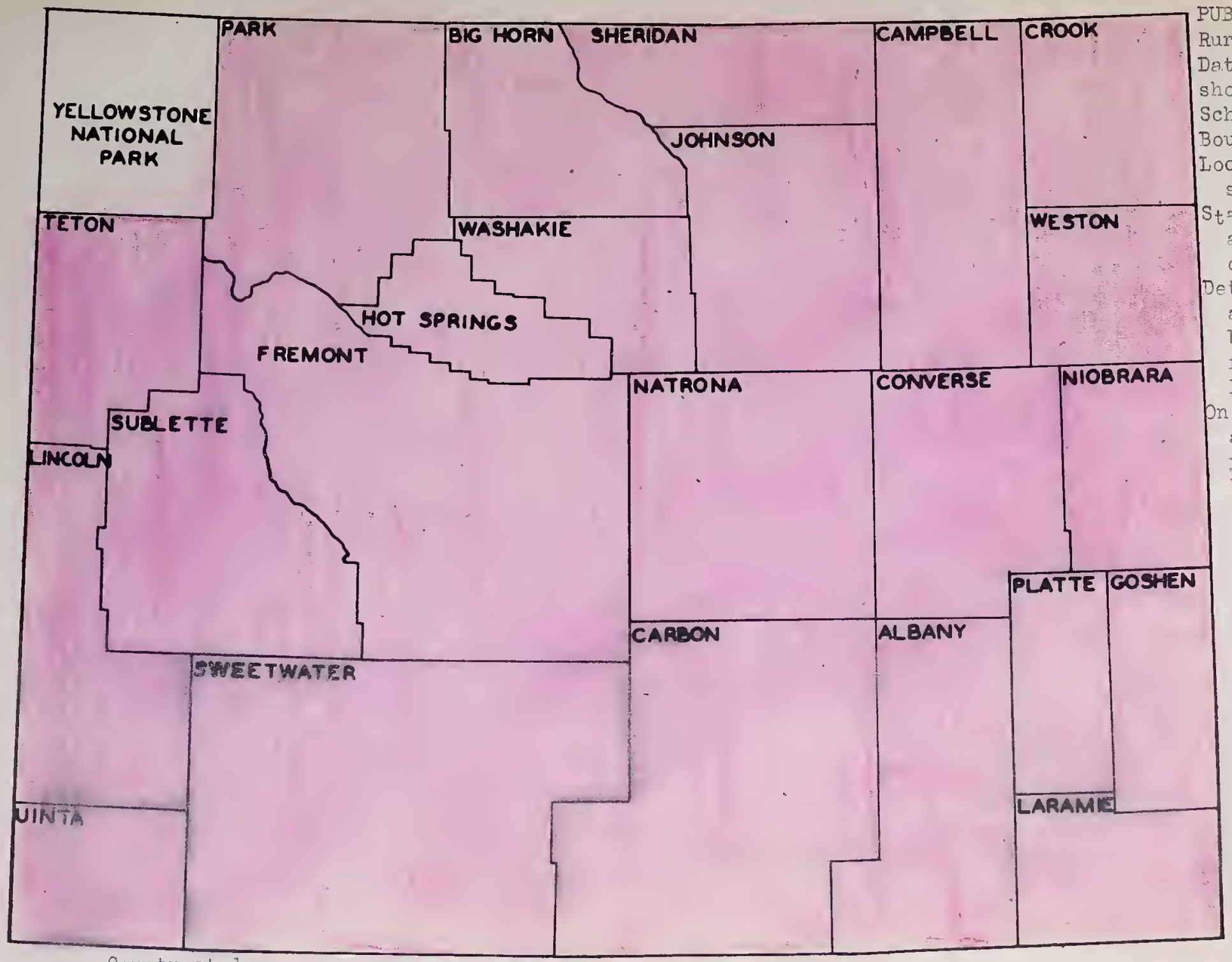
I. This study has, primarily, been carried on under the supervision of the State Land Planning Specialist. The Dept. of Agricultural Economics assisted with the collection of the basic data from the office of the State Superintendent of Public Instruction. Data collected during fall of 1935. Considerable student time under N.Y.A. funds have been used in the present preliminary tabulations.

II. Objectives and Use

The purpose of the study is to determine the influence of the geographic location of the rural school, source and distribution of income and the relationship of such factors to the use of land and property valuations in the school districts. As the analysis proceeds, much additional information will be brought to light. The data will also become an integral part of general tax studies all of which is closely associated with land use planning.

24

# WYOMING




PUBLIC FINANCE
Rural Schools
Data available shows:
School districts
Boundaries
Location of rural schools
Statistical data as indicated on schedules
Detailed information on county basis available for years 1928-1934
On state basis available for years 1924-34.

Constructed
October 1936

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 31

Page 16

SPECIAL SCHOOL DISTRICT DATA

WYOMING 193___ _____ COUNTY

| Dist No. | Number children 6-21 yrs | No. pupils attending other than public sch. | Total enroll-ment | Days School is in session | No. enroll even'g classes | No. enroll Rural schools | No. school houses Public prop. | No. schools rented | No. schools held in private homes | No. one teacher schools | No. 2 & 3 t'chr. schools | ESTIMATED VALUE | | | No. rural t'chrs. | No. Grade School t'chrs. | No. High School t'chrs. | Total teaching pos. | No. t'chrs in eve'g school |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | School Build'g. | Fur'tre. etc. | Text Books | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

FUNDS RECEIVED DURING YEAR 193__ 193__

_____ County

| Dist. No. | 1. Balance on hand beginning of Fiscal Year | 2. Received from Government Royalty fund | 3. Received from State School Land Income Fund | 4. Received from Gen. County School Tax on Basis No. of teachers | 5. Received from Poll Tax | 6. Received from Forest Reserve fund | 7. Received from Fines and Forfeitures |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

FUNDS RECEIVED DURING [illegible] 19__ 193__

_____ County

| 8. Received from Special Dist. Tax | 9. Received from Interest on Deposits | 10. Received from Tuition | 11. Received from Sale of Bonds | 12. Rec. from State and Federal Aid Vocational, Normal Training, etc. | 13. Received from Sale of School Building, Sites, etc. | 14. Received from Miscellaneous Sources | 15. TOTAL |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

FUNDS DISBURSED DURING YEAR 193__ 193__ _____ County

| Dist. No. | 1. Expense of School Board | 2. Superintendent's Salaries and Expenses | 3. Salaries of Principals and Supervisors | 4. Salaries of High School Teachers | | 5. Salaries Grade and Special teachers | 6. Salaries of Rural teachers | 7. Amt. paid for janitors, Engineers, etc | 8. Amount paid for fuel, Water, Light, and other expenses of operation |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Men | Women | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | |

FUNDS DISBURSED DURING YEAR 195 - 195

County

| 9. Amt. paid for Repairs, Replacement of Equipment and other upkeep charges | 10. Amt. paid for Stationery and Supplies | 11. Amt. paid for Text books | 12. Amount paid for Libraries | 13. Amt. paid for promotion of Health | 14. Amt. paid for new equipment, Apparatus, etc. | 15. Amt. paid for Compulsory Attendance | 16. Amt. paid for Interest on Indebtedness | 17. Amt. paid for new Buildings, Grounds |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

FUNDS DISBURSED DURING [illegible] 193 County

| 18. Amount paid for Tuition | 19. Amt. paid for transportation routes (Capital Outlay) | 20. Amt. paid for Maintenance of Transportation Routes (Driver's Salaries, etc.) | 21. Amount paid for Care of Isolated Pupils | 22. Amount paid for Miscellaneous Expenses | 23. Balance on Hand at close of Fiscal Year | 24. TOTAL | 25. Total Amount of all warrants Outstanding and not paid for Lack of funds |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Dist. No. | Asses. Val dist last yr. Aug. 193_ | Sp. Dist. Taxes Levied in Aug. 193_ Expr. in dollars | Sp. Dist. Taxes, Expr. in mills Levied in Aug. 193_ | Taxes, Amt. of money voted at Ann. meeting, June 193_ | Outstanding Bonded Indebtedness | Total Amt Rec. for Redempt. of bonds during yr. just closed | Total Amt. Rec. payment of Int. on bonds during year just closed |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Jackson
Pinedale
Buffalo
Sheridan
Johnson
Natrona
Converse
Niobrara
Weston
Crook
Campbell
Converse
Goshen
Platte
Laramie
Albany
Carbon
Sweetwater
Uinta
Lincoln
111
110
109
108
107
106
105
BELOW 50,000
50,000-100,000
100,000-200,000
200,000-400,000
400,000-800,000
800,000-1,600,000
1,600,000-3,200,000
ABOVE 3,200,000

RANGE LAND STUDIES
Production areas and Carrying capacity

I. These studies were made by the Dept. of Agricultural Economics and the Bureau of Agricultural Economics in cooperation with the A.A.A. in response to the requirements of the project in regional agricultural adjustment during April to October 1935.

II. Objectives and Use

This study, as suggested in discussion of Adjustments in Agriculture, which, in this report, pertains to dry farm practices, was essentially carried on to develop additional information in order:to determine the grazing and feed resources of ranges and crop lands

to determine the past and present situation as to the balance between livestock and feed production
- (a) Areas of surplus feed
- (b) areas of deficient feed

to determine the best distribution of the different kinds and classes of livestock in the area
to determine the type of vegetation, season of use, and proper rate of stocking of ranges
to discover trends in the livestock-feed balance
- (a) trends towards increased or decreased carrying capacity of range
- (b) trends towards increased or decreased production of feed crops
- (c) trends towards expansion or contraction of livestock numbers

to analyze existence of abnormal factors which may affect the immediate future
- (a) Two years of severe drought in some sections may have destroyed normal grazing and feed possibilities, and may necessitate an "immediate" program based upon present conditions.
- (b) Determine optimum feed reserves necessary to offset climatical risks.

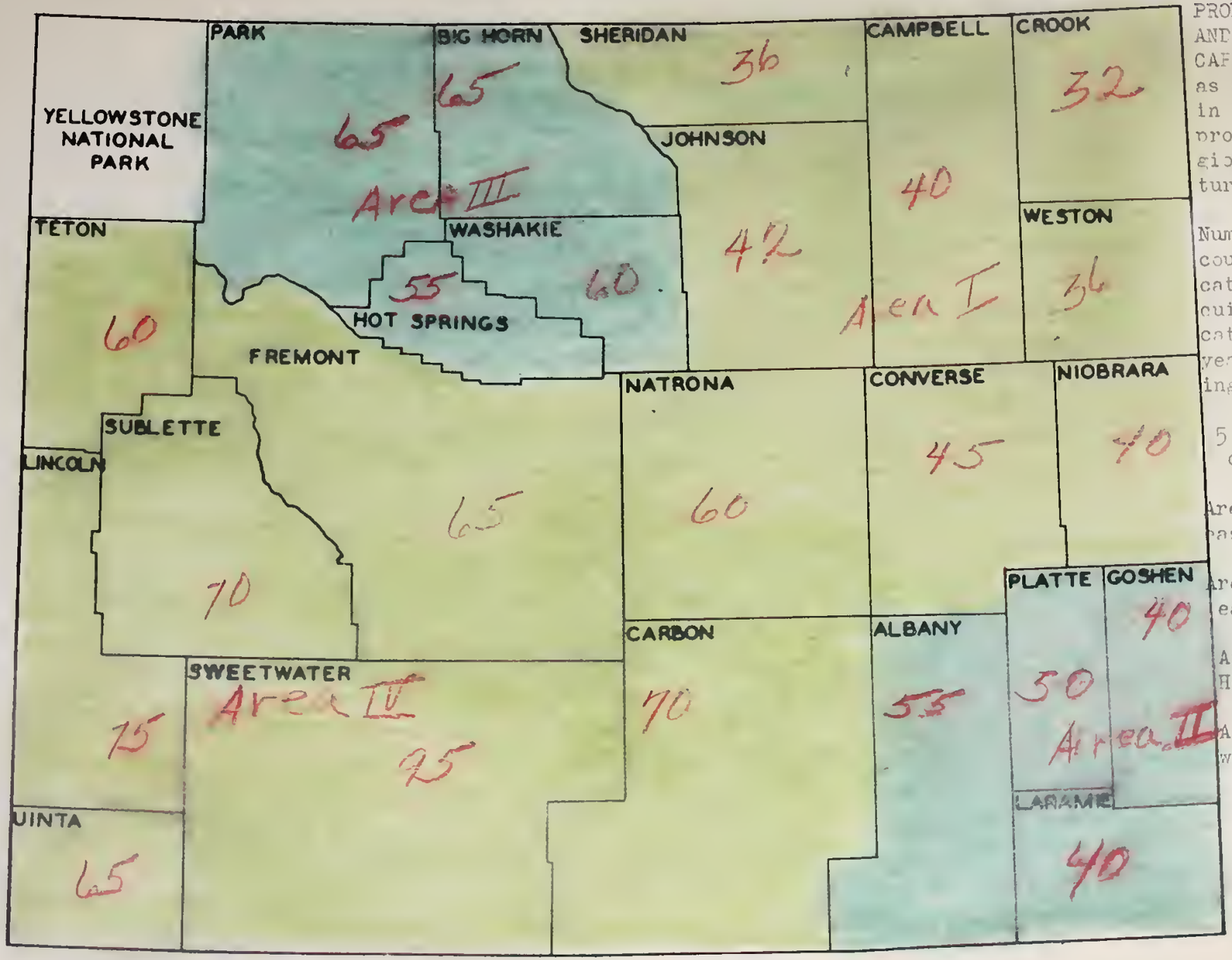
to present conclusions as to the needed and desirable adjustments in the livestock-feed balance.
- (a) Programs for adjusting livestock production to feed resources.
- (b) Programs for improving the carrying capacity of ranges.
- (c) Programs for increasing feed production
- (d) Programs for adjusting or substituting types of farming.

to make the adjustments needed to improve carrying capacity and to promote efficient operation in order that the livestock producer may receive an income comparable with his expenditures.

RANGE LAND STUDIES
Continued

As far as this state is concerned, the data and analysis developed by this study makes available information very valuable and pertinent to land use planning. It supplies a basic approach and points out weaknesses in the present statistical data that can be associated with Land Use Planning. Further study in regard to such factors, (1) the quantitative requirements of economic units in the dry farm area, (2) influence on success of increased summer fallow practice, (3) relationship between supplementary feed, the range lands and numbers of livestock, (4) seasonal shifts of livestock both inter county and inter state, (5) extent and kinds of supplementary feeds shipped into the various areas, (6) extent of vegetative changes under various types of farm and ranch organization, all need further study in order to fundamentally back up a number of specific suggestions of desirable land use.

# WYOMING




PRODUCTION AREAS AND CARRYING CAPACITY as determined in cooperation project in Regional Agricultural Planning.

Numbers in counties indicate acres required per cattle unit for year long grazing.

5 sheep=1 cattle unit

Area I - Northeasterly Wyo.

Area II - Southeasterly Wyo.

Area III - Big Horn Basin

Area IV - Southwestern Wyoming

Constructed October 1936

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 33

Page 81

PRODUCTION AREAS AND CARRYING CAPACITY

RANGE LAND STUDIES
Vegetal Survey

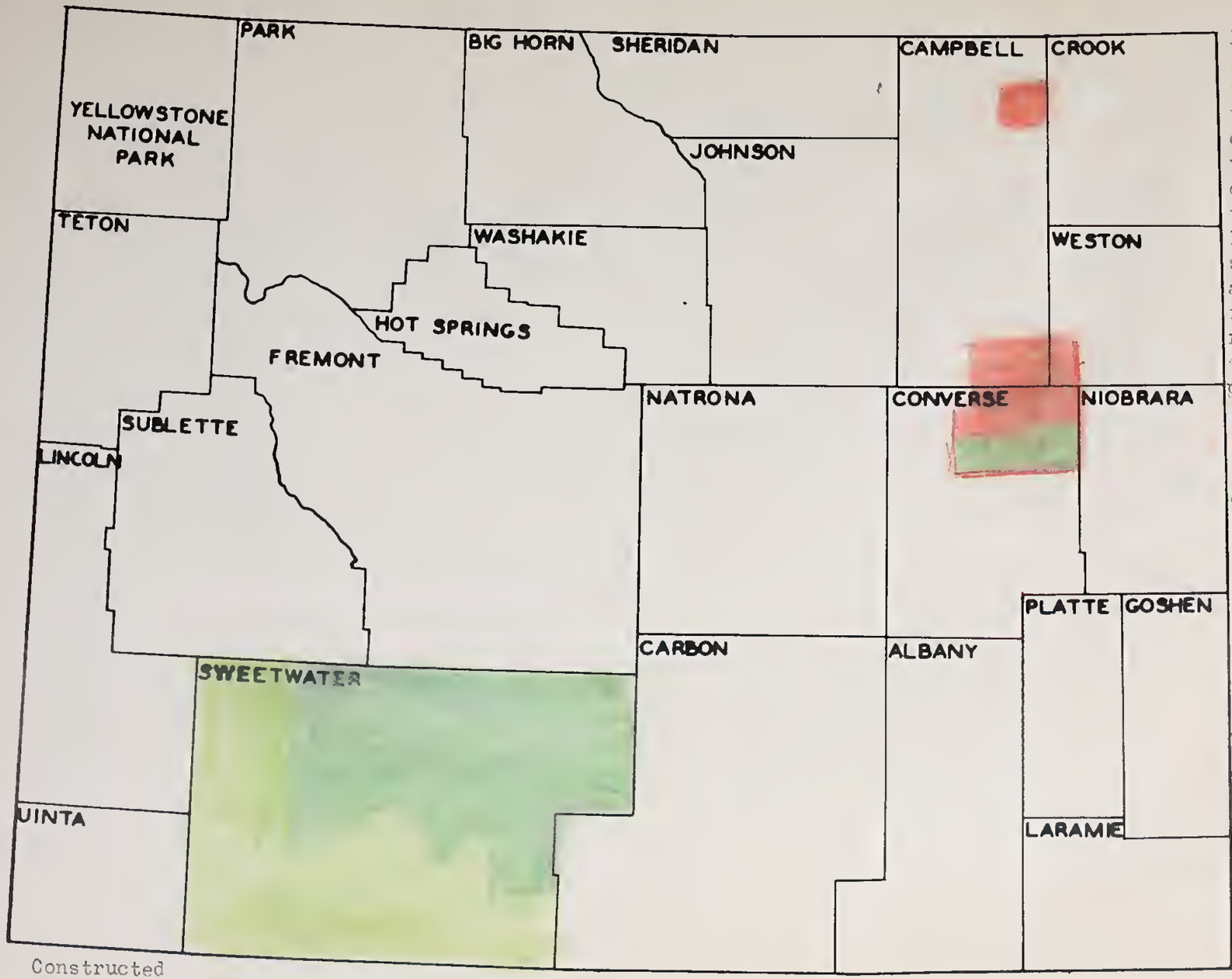
I. This activity has been conducted cooperatively by the following agencies: Land Use Planning and Project development section of Resettlement Administration, Dept. of Agronomy and Agr. Economics of the University of Wyoming, Bureau of Agricultural Economics, Forest and Range Experiment Station, Ft. Collins, Colo. The field work in Converse county was carried on during the period of June to July. The field work in Sweetwater county was started during August and is being carried on at the present time, October 1936.

II. Objectives and Use

The principal objective is to (1) determine vegetative types and density of plant cover which will supply necessary information as a basis for determining the variation in carrying capacity within specific areas and within counties, (2) to determine present range conditions and set up a method for measuring changes that are likely to occur in the future and to determine, as far as possible, the time required under natural processes for abandoned farm land to become revegetated and the plant succession that occurs during the period of revegetation.

While the data and information is in preliminary form it is believed that a definite start toward the determination of the above objectives is being made. The information being secured in this activity is an important part of land use planning, especially as the range land and the range livestock are concerned.

# WYOMING




RANGE VEGETAL SURVEY showing present plant cover density and various species of plants on the range land. Information also shows ownership, abandoned land, improvements, reservoirs, stock watering places.

Acquisiton Area

Area covered by vegetal survey.

Constructed
October 1936

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 34

Page 89

# RANGE FORAGE INVENTORY

EXAMINER _____

TRANSECT NUMBER _____

STATUS OF AREA

Protected _____

Grazed _____

VEGETATIVE TYPE

1. Alpine _____
2. Spruce-fir _____
3. Lodgepole pine _____
4. Aspen _____
5. Ponderosa pine-Douglas fir _____
6. Mountain meadows
   (a) Wet _____
   (b) Dry _____
7. Chaparral
   (a) Oak brush _____
   (b) Miscellaneous shrubs _____
8. Pinon-juniper _____
9. Sagebrush _____
10. Shadscale _____
11. Greasewood _____
12. Bunch grass _____
13. Plains grassland
    (a) Grama-buffalo grass _____
    (b) Sandhill sage _____
    (c) Salt grass _____
    (d) Wheatgrass _____
    (e) Three awned grass _____
    (f) Snakeweed _____
    (g) Sedge _____
    (h) Open little bluestem _____
    (i) Bluestem meadow _____
    (j) Russian thistle _____
    (k) ..... _____

ABANDONED LAND

1. Plowed land _____
2. Pasture land _____
3. Number of years abandoned
   1-5 years _____
   6-10 " _____
   11-20 " _____
   21-30 " _____
   31 + " _____

DEPLETION TREND

Improving _____

Static _____

Deteriorating _____

Indications of trend _____

COMPARE WITH TRANSECT NUMBER _____

OWNERSHIP

National Forest _____

Public Domain _____

Private _____

State _____

Indian Reservation _____

..... _____

ELEVATION _____

TOPOGRAPHY _____

EROSION (degree)

Normal _____

Moderate _____

Advanced _____

Excessive _____

EROSION (kind)

Sheet _____

Incipient gully _____

Advanced gully _____

Trench _____

Wind _____

PERIOD OF USE

Spring _____

Fall _____

Spring-fall _____

Summer _____

Winter _____

CLASS OF LIVESTOCK

Cattle and horses _____

Sheep and goats _____

Game _____

APPROXIMATE NUMBER OF ACRES REPRESENTED BY THIS TRANSECT _____

Sample of schedule used in range survey

# RANGE FORAGE INVENTORY

Location _____

Transect Number _____ Date _____ 1936 Examiner _____

| Plot Number → / Density → / Species ↓ | | | | | | | | | | Total Density | Average Density |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |

TAX STUDIES

Farm Real Estate Transfers, Tax Delinquency and Tax Sale

I. This information was collected under funds supplied by the C.W.A. during 1933. Preliminary tabulations to date were made under the direction of the Dept. of Agricultural Economics of the University with the help of students under the F.E.R.A. program. The data includes the period 1928 to 1933.

II. Objectives and Use

The principal objective of this study, as I see it, was to determine the extent and location in the state as a whole and in particular counties,of land for which tax assessments were delinquent, lands which went through tax sale procedure and land which had been sold to various agencies under voluntary conditions. The attempt was made to secure information that would show relationships between tax sales and voluntary sales and to secure some information that would indicate what land was actually selling for as a basis for determining land values.

The data has been of value in connection with the location of problem areas and as general information in regard to the maladjustment of the use of land. Areas within which extensive areas are consistently tax delinquent, suggest the presence of land use problems. The data, however, must be used with judgment and a knowledge of local conditions. Maps showing land values on an M.C.D. basis are, in some areas of high percentage of range lands, occasionally misleading, due to the presence and influence of small quantities of irrigated land. At the time the data was secured

1. This information was collected during meetings by the C.A.C. during 1980. Unfortunately
information is only available for the location of the mine, or surrounding landscape of
the proposed/existing tip only in regards to the C.A.C. guidance. The site assessment
matrix used is less.

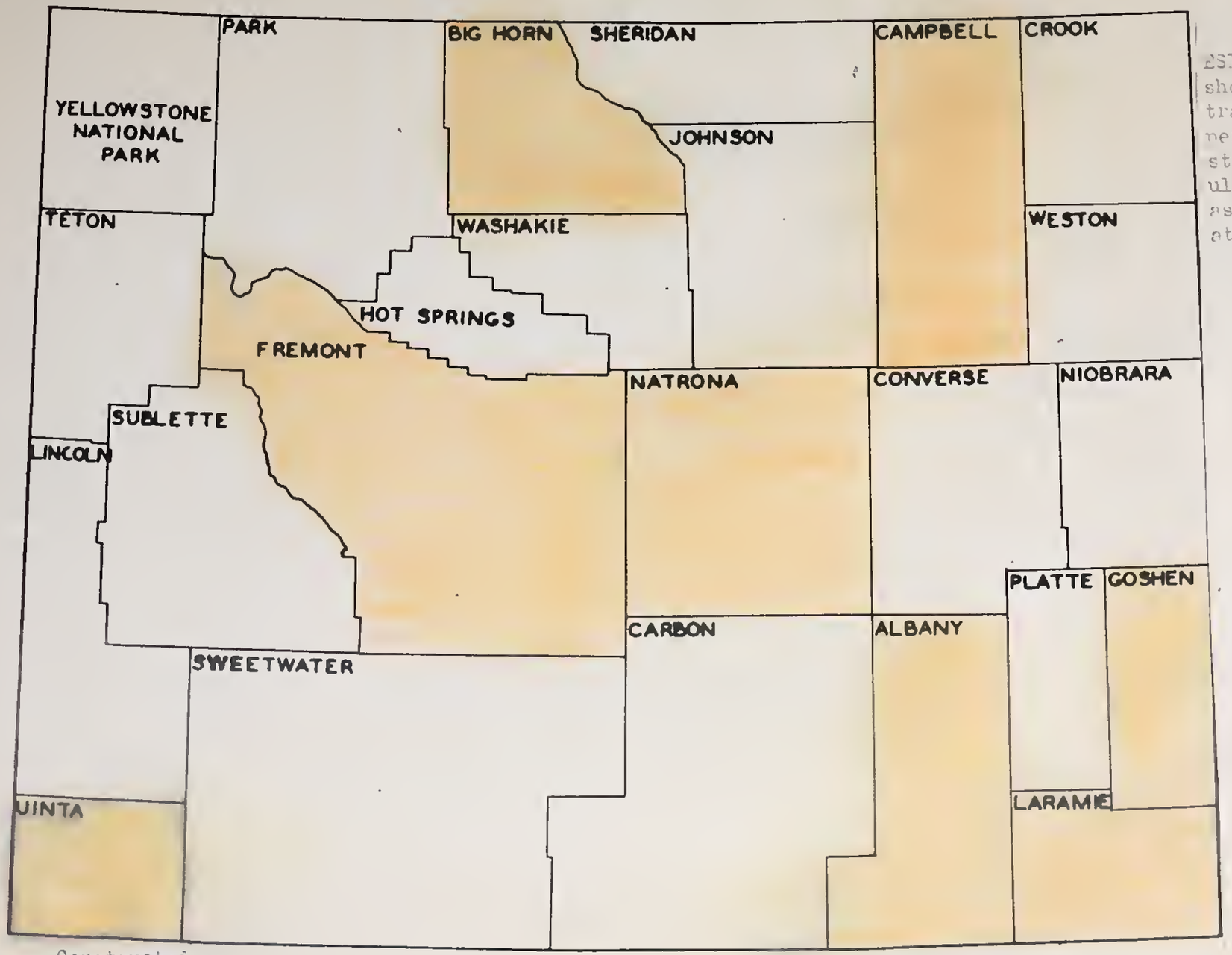
11. Objectives and Use

The principal objective of this study, as I see it, was to determine the extent to which
is the mining of a small but is particular quantity of land for the subsequent open de-
tipping). Local policy was designed for this assessment and therefore not used as a matrix
assessment under existing conditions, and attempt was made to assess the long term
suitability between the mine and the adjacent valley and to assess some alternative land
planning uses that may appropriate within the area that the investigation would assess.

The site was one of which an assessment is the objective of planning for the proposed
application is needed in the application of the case of land. Some of the information were
the environmental impact statement. Because of the land use objectives. The site assessment
be made after assessment and a discussion of local conditions. This survey was taken on 20 A. D.
1980 and it was during of long conversations of other local, environmental planning, the in the
assessment information of small quantities of individual land. It is also the land use control

the influence of blanket liability in certain drainage districts was of importance. The information secured in these studies has, however, been of value in pointing out land use problems and in indicating areas that should receive consideration in the general land use program.

# WYOMING




FARM REAL ESTATE TRA SFTR showing land transfers for period including statistical tabulations of data as indicated on attached schedule

Constructed
October 1936

SCALE
0 5 10 20 30 40 50 Miles

Index Map No. 35

U.S.D.A.—B.A.E.
Farm Finance Form 3

# FARM REAL ESTATE TRANSFER

Card No._____

File: Reference_____ Volume_____ Page_____ State_____

1. Buyer—Name_____ Address_____ County_____

2. Seller—Name_____ Address_____ Minor civil div._____

3. Date of transfer_____ (Month) (Day) (Year) 4. Date filed_____ (Month) (Day) (Year) 5. Amount of Federal revenue stamps_____

| 6. DESCRIPTION | Sec. | Twp. | Range | Acres |
|---|---|---|---|---|
| Schedule used in B.A.E.—C.W.A.—U. of W. Tax Survey | | | | |
| | | | | |
| | | | | |
| | | | | |
| Total acres | xxx | xxx | xxx | |

7. Consideration:
(a) Total_____
(b) Cash paid_____
(c) 1st mtg_____
(d) 2d mtg_____
(e) Other arrangement_____

8. Assessed value_____
(a) Total_____
(b) Land alone_____
(c) Improvements_____
(d) Date of assessment_____ (Nearest to date of transfer)

9. Kind of transfer (check which (√))
(a) Voluntary sale ☐
(b) Forced sale:
(1) Foreclosure ☐
(2) Assignment ☐
(3) Tax sale ☐
(c) Gift, devise, or descent ☐

10. Kind of property (check which (√))
(a) Farm with buildings ☐
(b) Farm without buildings ☐
(c) Uncultivated land (other than forest) ☐
(d) Forest land ☐
(e) Cannot ascertain ☐

11. Kind of deed (check which (√))
(a) Warranty deed ☐
(b) Quit claim deed ☐
(c) Sheriff deed ☐
(d) Trustee deed ☐
(e) Tax deed ☐
(f) Contract for deed ☐
Kind of deed _____
(g) Bond for title ☐
Amount of bond _____
(h) Other ☐
State which _____

12. If the sale was a forced sale, please state:
(a) Kind of action, if any_____
(b) Amount of claim_____

13. If sale was a foreclosure, was property occupied by owner at time of sale?
Yes ☐; No ☐; Unknown ☐

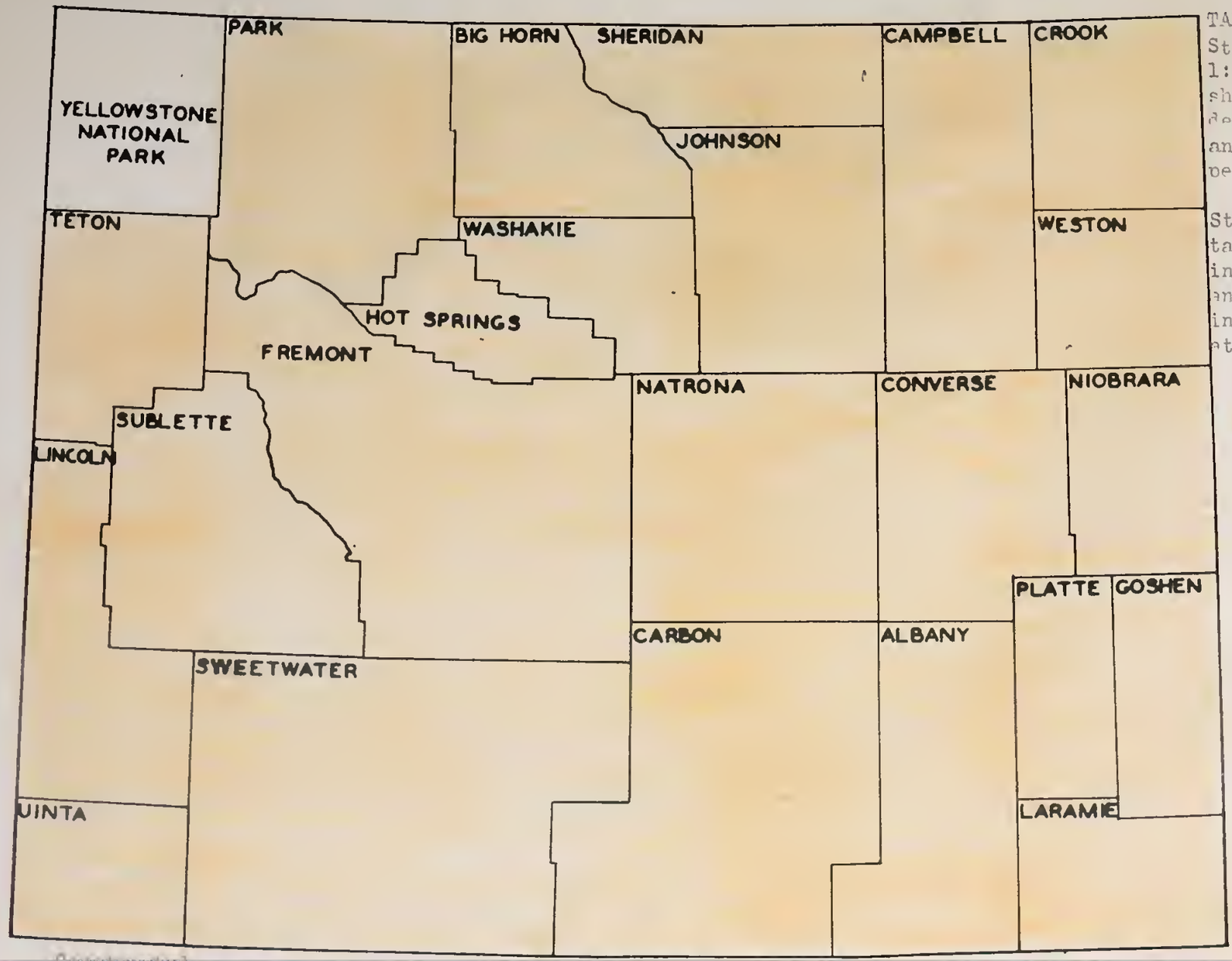
U. S. GOVERNMENT PRINTING OFFICE: 1933 8—8454

**(Use other side for remarks)**

Initials of record taker _____

95

# WYOMING




TAX DELINQUENCY
State map, scale 1:500,000, showing land delinquent at any time during period 1928-1935.

Statistical tabulaions showing by counties and M.C.D. data included on attached schedule.

Constructed October 1936

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 36

Page 46

Farm Finance Form 1
USDA-BAE

# FARM REAL ESTATE TAX DELINQUENCY

| Legal description of property | Section | Township | Range |
|---|---|---|---|
| Schedule Used in B.A.E. – C.W.A. – C. of W. Tax Survey | | | |

Card number _____

State _____

County _____

Minor civil division _____

Type of property _____

_____ (Owner's name)

_____ (Owner's address)

Are there buildings on the property?

Yes ☐ No ☐ No record ☐

| Year | Acres | Assessed valuation of real estate (land and buildings) | Delinquency of General Taxes | | | | | Delinquency of Special Assessments | | | Abatement, write-down, or other reduction allowed on delinquencies | Supplementary data (see instructions) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Taxes levied during the year | Penalties and interest on taxes levied during the year | | Delinquency of taxes levied in former years | | Special assessments levied during the year * | Penalties and interest on special assessments levied during the year | Delinquency of special assessments levied in former years | | |
| | | | | First installment | Second installment or total | Amount (see instructions) | Other record of former delinquencies | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) |
| 1933 | | | | | | | | | | | | |
| 1932 | | | | | | | | | | | | |
| 1931 | | | | | | | | | | | | |
| 1930 | | | | | | | | | | | | |
| 1929 | | | | | | | | | | | | |
| 1928 | | | | | | | | | | | | |

* Do not take a record of delinquent "hail tax", as it is neither a "general tax" nor a "special assessment."

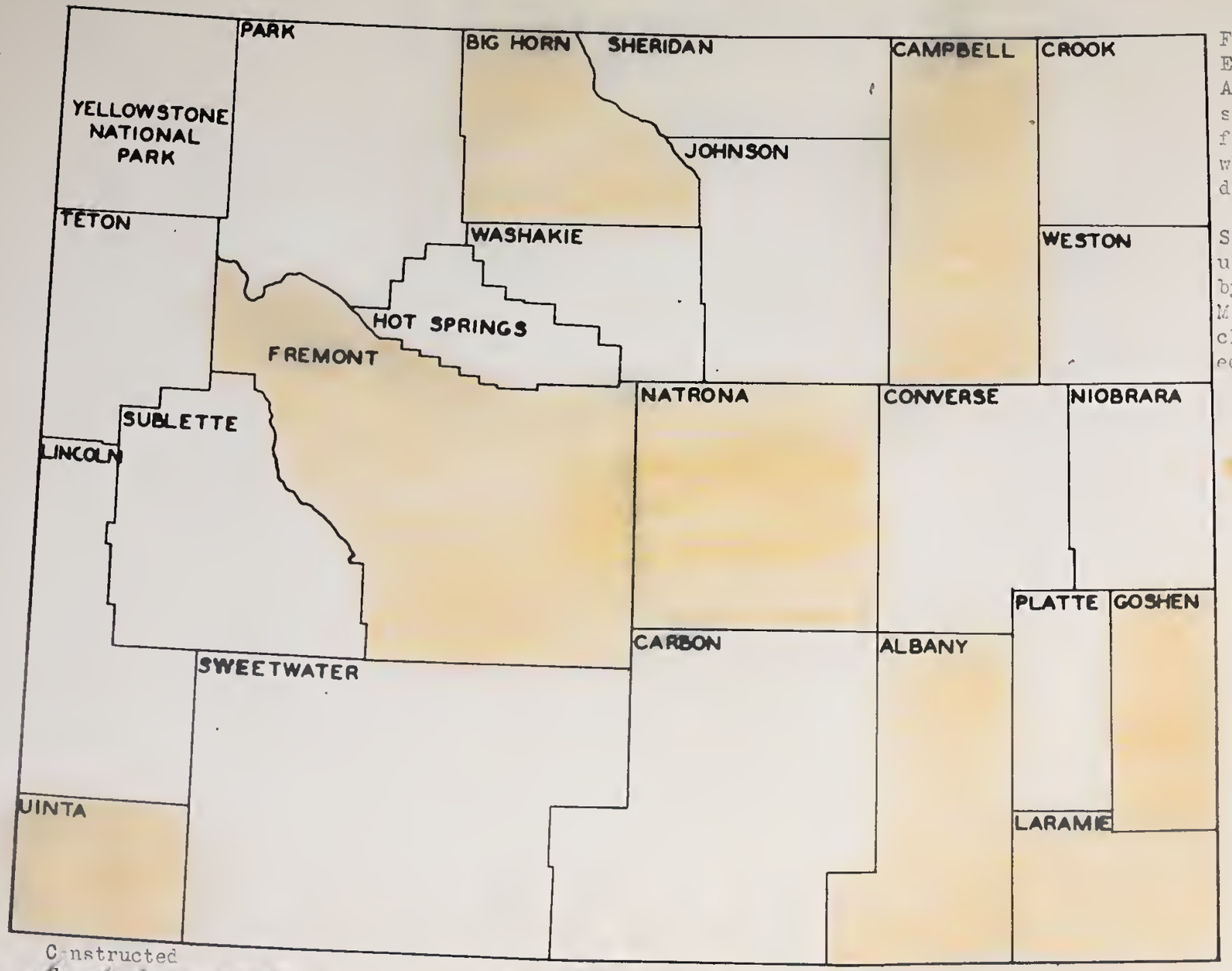
If there are buildings on the property, give the assessed valuation of improvements (buildings) in most recent year of delinquency, $_____

Check the kind of special assessments recorded as delinquent: Road and bridge district _____; drainage and levy district _____; irrigation district _____; forest fire protection district _____; other _____

Remarks: _____ Initials of record taker _____

U. S. GOVERNMENT PRINTING OFFICE: 1933 8—8453

# WYOMING




FARM REAL ESTATE TAX SALE AND TAX DEED showing land sold for taxes for which a tax deed was issued.

Statistical tabulations showing by counties and M.C.D. data included on attached schedule.

Constructed October 1936

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 37

Page 98

Farm Finance Form 2
USDA-BAE

# FARM REAL ESTATE TAX SALE AND TAX DEED

| Legal description of property | Section | Township | Range |
|---|---|---|---|
| Sample Schedule used in B.A.E-CW 17-0 of W. Tax Survey | | | |

Card number _____

State _____

County _____

Minor civil division _____

Type of property _____

_____
(Owner's name)

_____
(Owner's address)

Are there buildings on the property?

Yes ☐ No ☐ No record ☐

| Year | Acres | Assessed valuation of real estate (land and buildings) | Real estate taxes due | | | Real estate tax sale | | | | Tax deed | | | | Supplementary data (see instructions) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | General taxes due | Special assessments due | Total taxes and special assessments due | Consideration * | Buyer | | Year of redemption (if redeemed) | Year | Buyer | | Year of redemption (if redeemed) | |
| | | | | | | | Private | Public | | | Private | Public | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) |
| 1933 | | | | | | | | | | | | | | |
| 1932 | | | | | | | | | | | | | | |
| 1931 | | | | | | | | | | | | | | |
| 1930 | | | | | | | | | | | | | | |
| 1929 | | | | | | | | | | | | | | |
| 1928 | | | | | | | | | | | | | | |

* The "consideration" may be an amount of money, rate of interest, fraction of area, number of acres, or other consideration (see instructions). Check the kind of special assessments recorded as delinquent; Road and bridge district _____; Drainage and levy district _____; Irrigation district _____; Forest fire protection district _____; Other _____

Remarks: _____

Initials of record taker _____

8—3452

U. S. GOVERNMENT PRINTING OFFICE: 1933

99

# TYPES OF FARMING

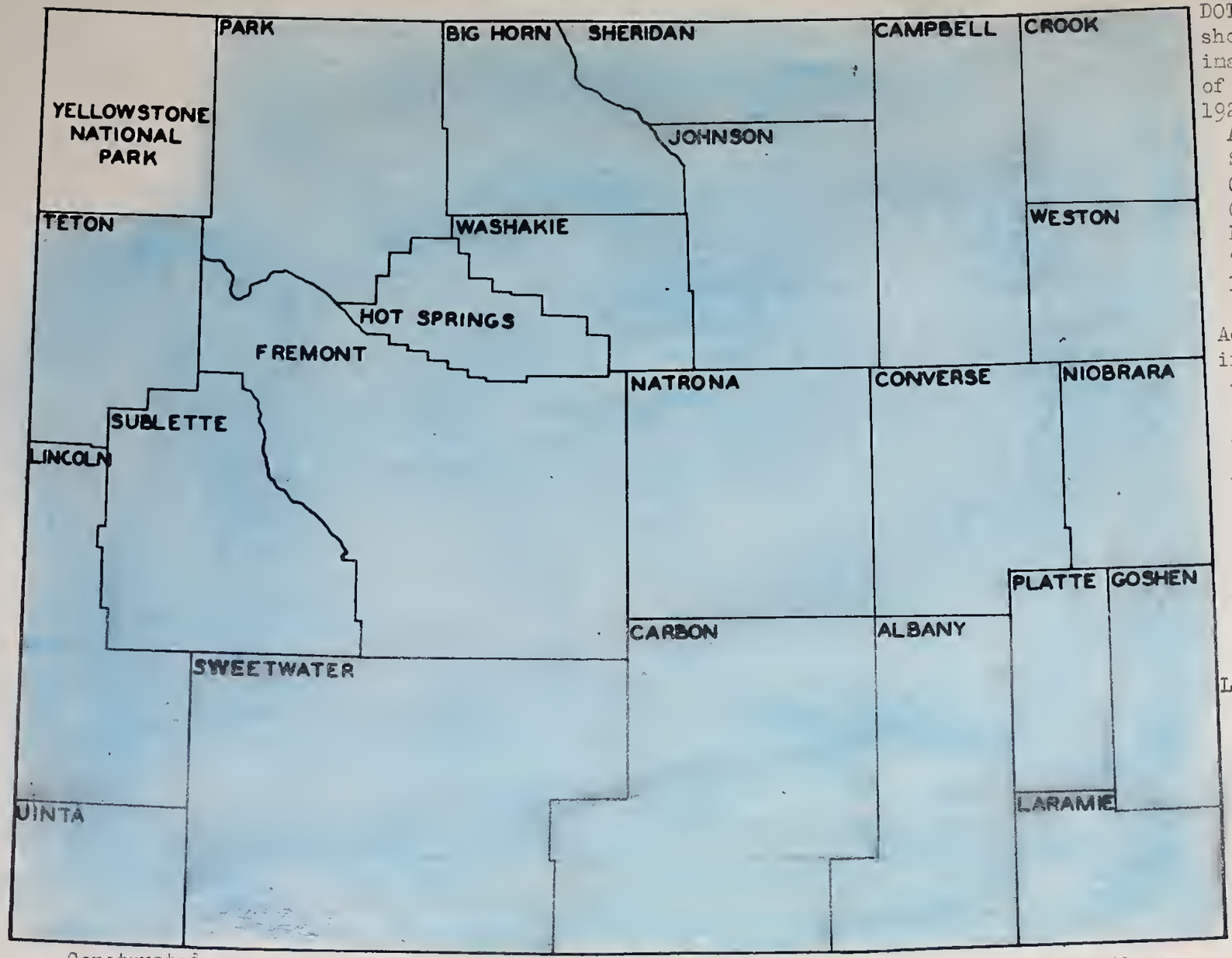
I. This data was compiled by the State Land Planning Specialist while a member of the Dept. of Agricultural Economics of the University, in cooperation with the Bureau of Agr. Economics, during 1934 and 1935.

II. Objectives and Use

The objects of the study as indicated in the manuscript is "to acquire a more comprehensive understanding of the agriculture of the State as a whole; to determine what types of farming are being carried on in different parts of the State and why the agriculture is as it is, and finally, to differentiate the State into type-of-farming areas in each of which the agriculture differs considerably from that of all contiguous areas.

Differentiating the State into type-of-farming areas in this way gives a much clearer picture of the agricultural problems and possibilities in the State as a whole, as well as in each of the several areas. It orients the research worker to the local problems of the respective areas and to the needs for further studies. It guides him, also, in placing, planning and organizing research projects. Such a study provides excellent material for teaching agriculture in the public schools and colleges, for making recommendations to farmers and for placing the proper limitations on such recommendations. Furthermore, the results of such a study should be of material assistance in the formulation of land-planning policies."

# WYOMING




DOT MAPS showing approximate location of farms in 1929:

- All farms
- Stock farms
- Crop Specialty
- Cash grain
- Part time
- Self sufficing
- Dairy

Acreage harvested in 1929:

- All crops
- Corn
- All wheat
- Oats and grain
- Barley
- Sugar beets
- Dry beans
- Potatoes
- Alfalfa hay
- Wild hay
- All hay

Location of:

- Sheep and lambs
- Beef cattle
- Dairy cows & heifers
- 2 years old or over
- Swine
- Chickens

By type-of-farm areas, the location of:

- 1st Dominant
- 2nd Dominant
- 3rd Dominant

Constructed October 1936

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 38

# WHEAT ALLOTMENT CONTRACT DATA

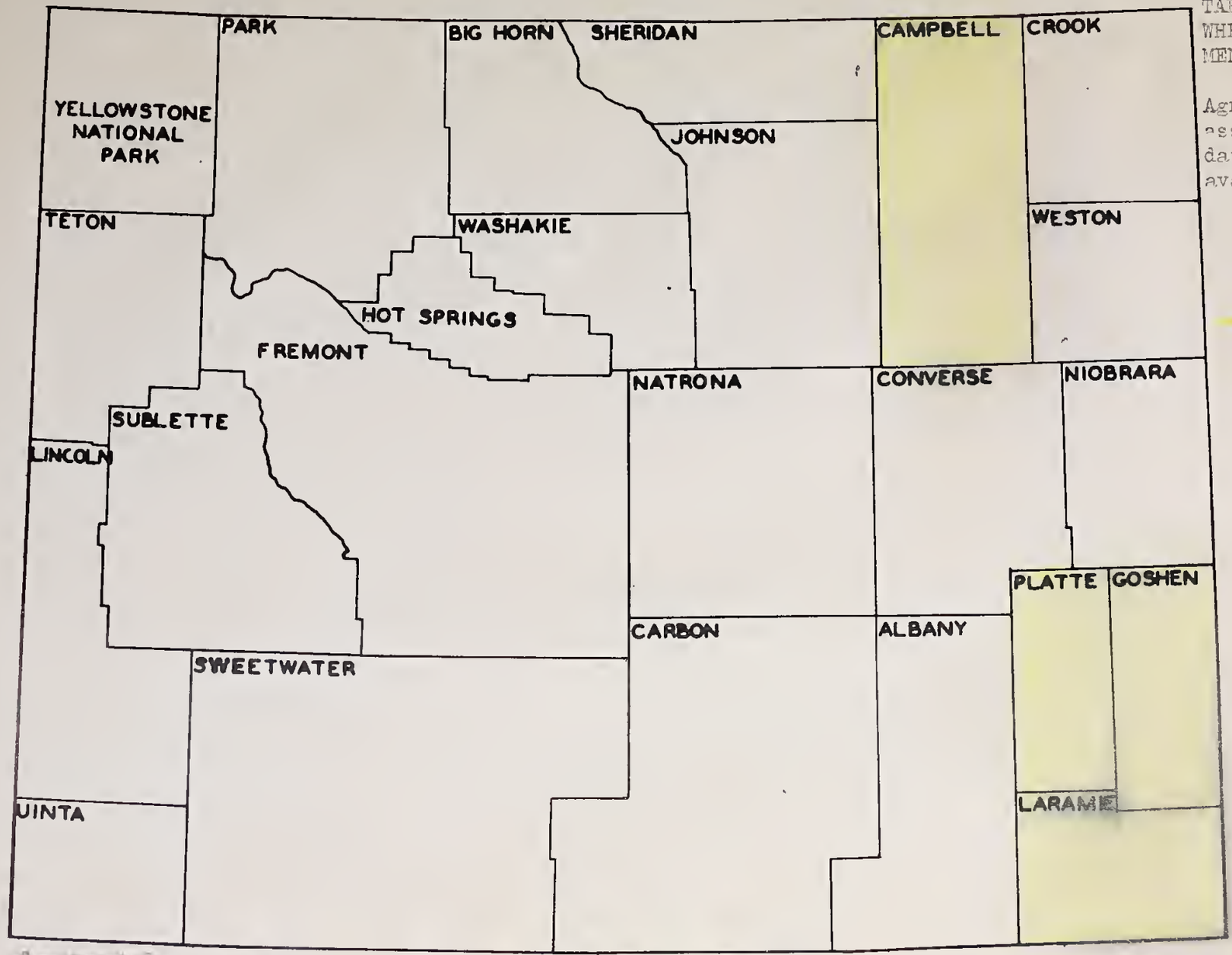
I. Data from the wheat allotment contracts have been assembled for four counties in the state where wheat is considered an important crop on dry land. The data was made available by the cooperation of the County Agricultural Agents. It was assembled by the Dept. of Agricultural Economics during the period March to June 1935.

II. Objectives and Use

This information was assembled primarily in an attempt to show the influence of soil on crop yields and to more definitely locate the area wherein wheat production is an important enterprise. The data is and can be used as an aid in locating areas where there is a maladjustment in the use of land as well as providing suggestions for solution. The data provides a valuable supplement to other available information in connection with land use planning. The use of the information is, however, somewhat limited due to the fact that a relatively small portion of the county is included. Since the influence of arrangement can not be isolated the influence of crop yield and soil is not always evident.

34

# WYOMING




TABULATIONS OF WHEAT ALLOTMENT DATA

Agreements assembled and data tabulations available.

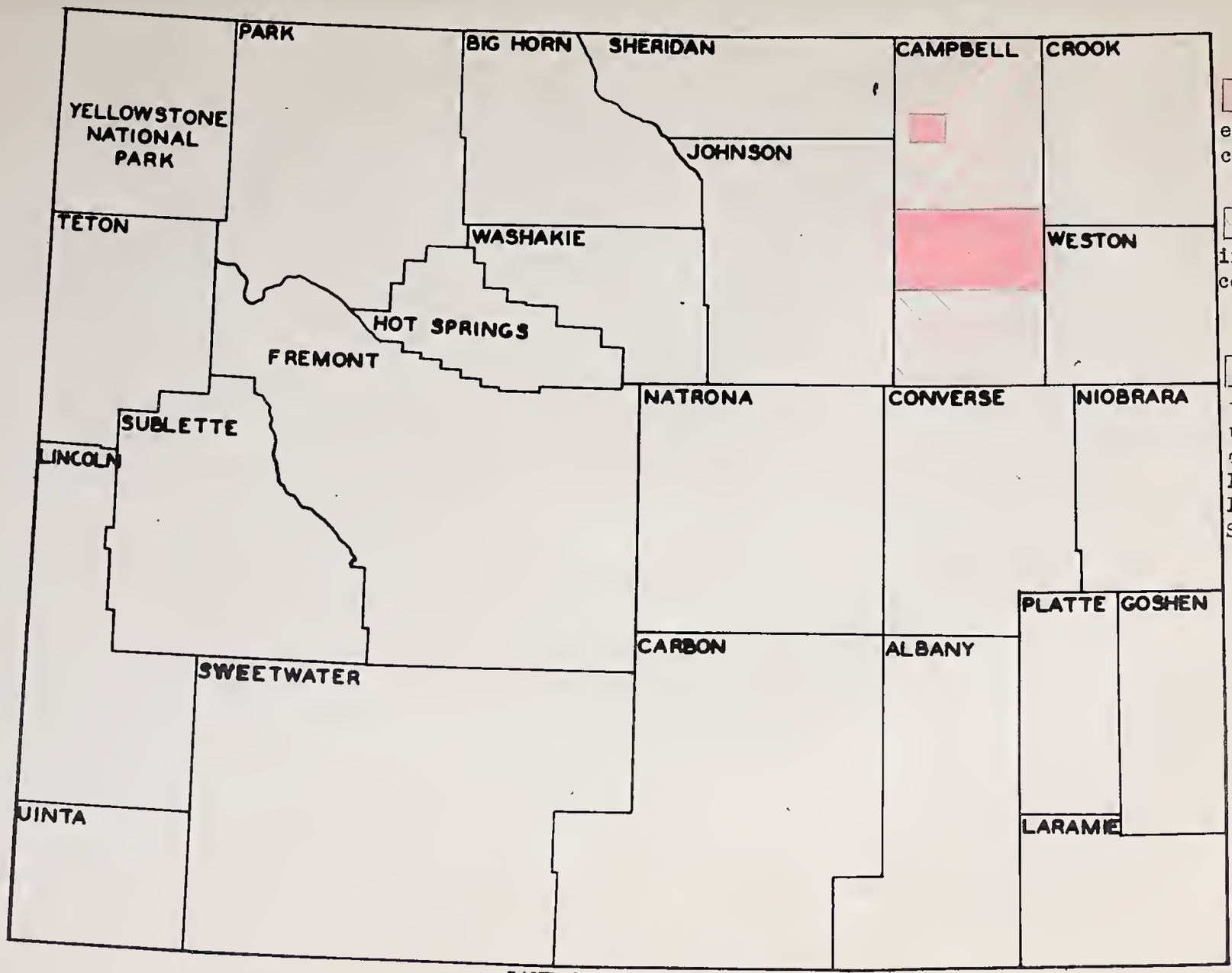
Constructed
October 1936

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 39

Page 103

# WYOMING




LAND CLASSIFICATION

SCALE 0 5 10 20 30 40 60 MILES

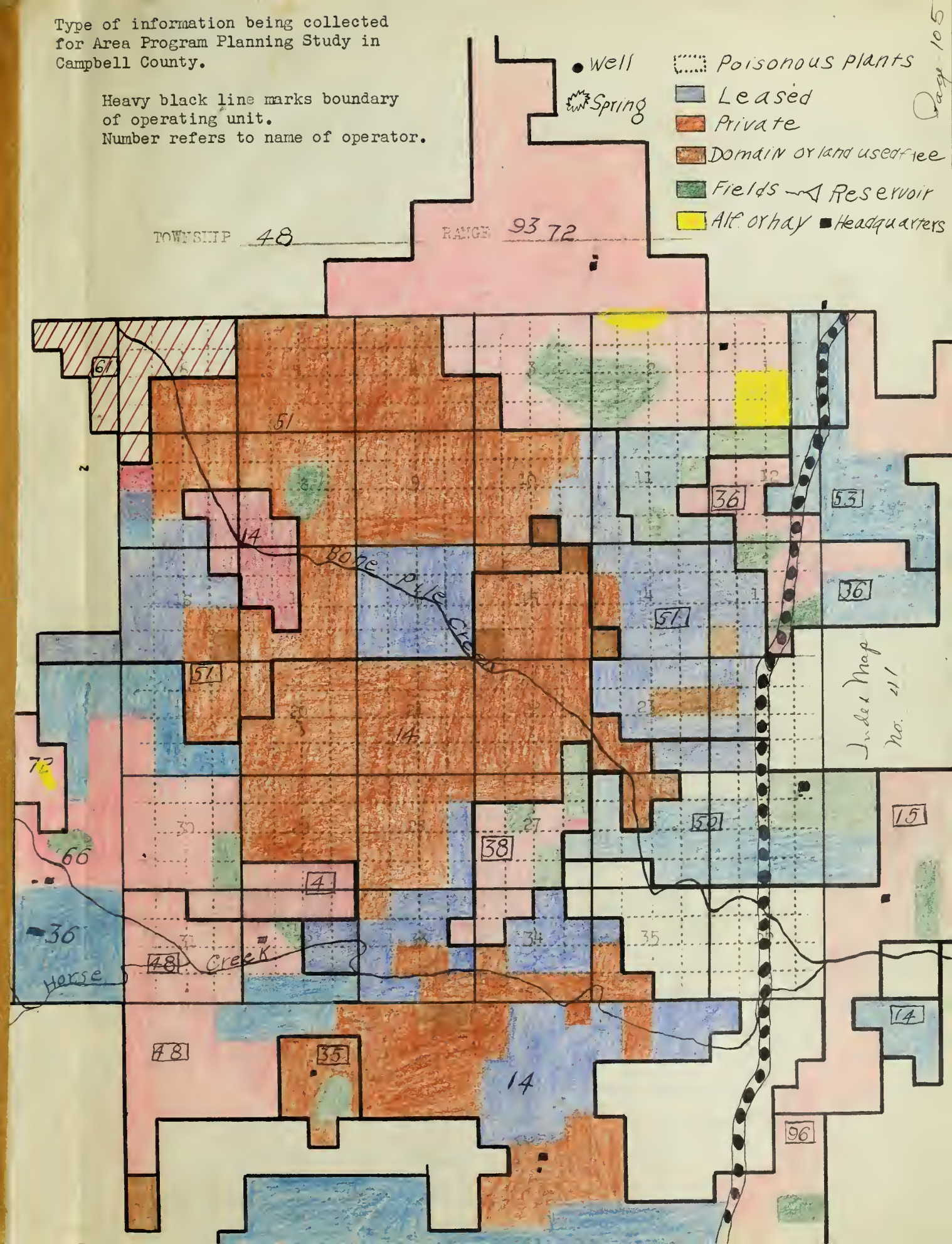
AREA INCLUDED IN PROGRAM PLANNING STUDY

Constructed Oct. 1936

Index Map No. 40

Type of information being collected for Area Program Planning Study in Campbell County.

Heavy black line marks boundary of operating unit.
Number refers to name of operator.

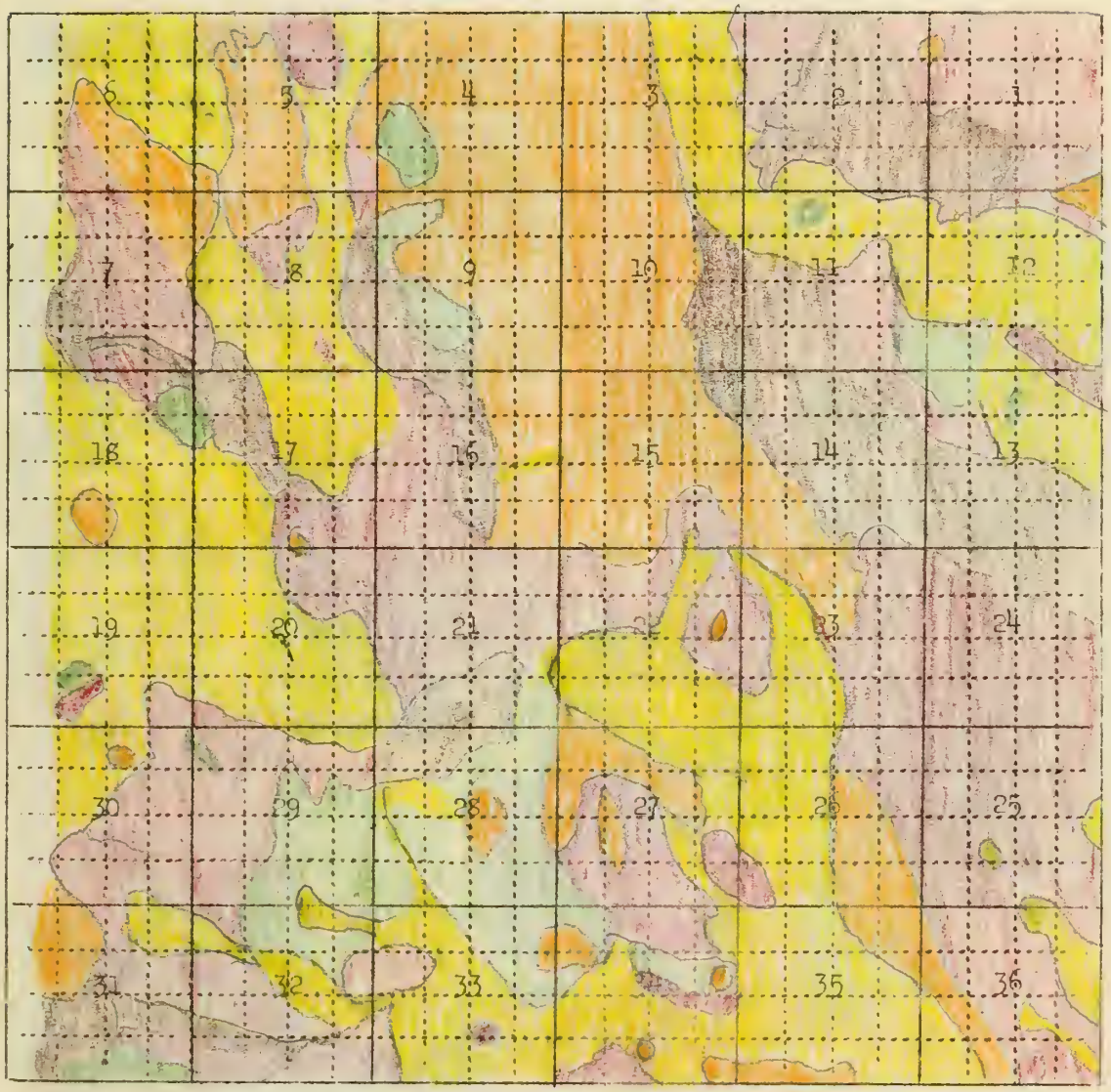


Wyo

MAP

Indicating the type of soil which these operators are attempting to farm. The area is best suited for grazing land.

TOWNSHIP 48 RANGE 72




SOIL PRODUCTION AS NOTED BY THE DEPT. OF SOILS. UNI. OF WYO.

Second Grade Dry Farm Land. 16 - 21 bushels wheat per acre.
3 - 5 failures in last 15 years.

Third Grade Dry Farm Land. 12 - 15 bu. wheat per acre.
5 crops in last 15 years.

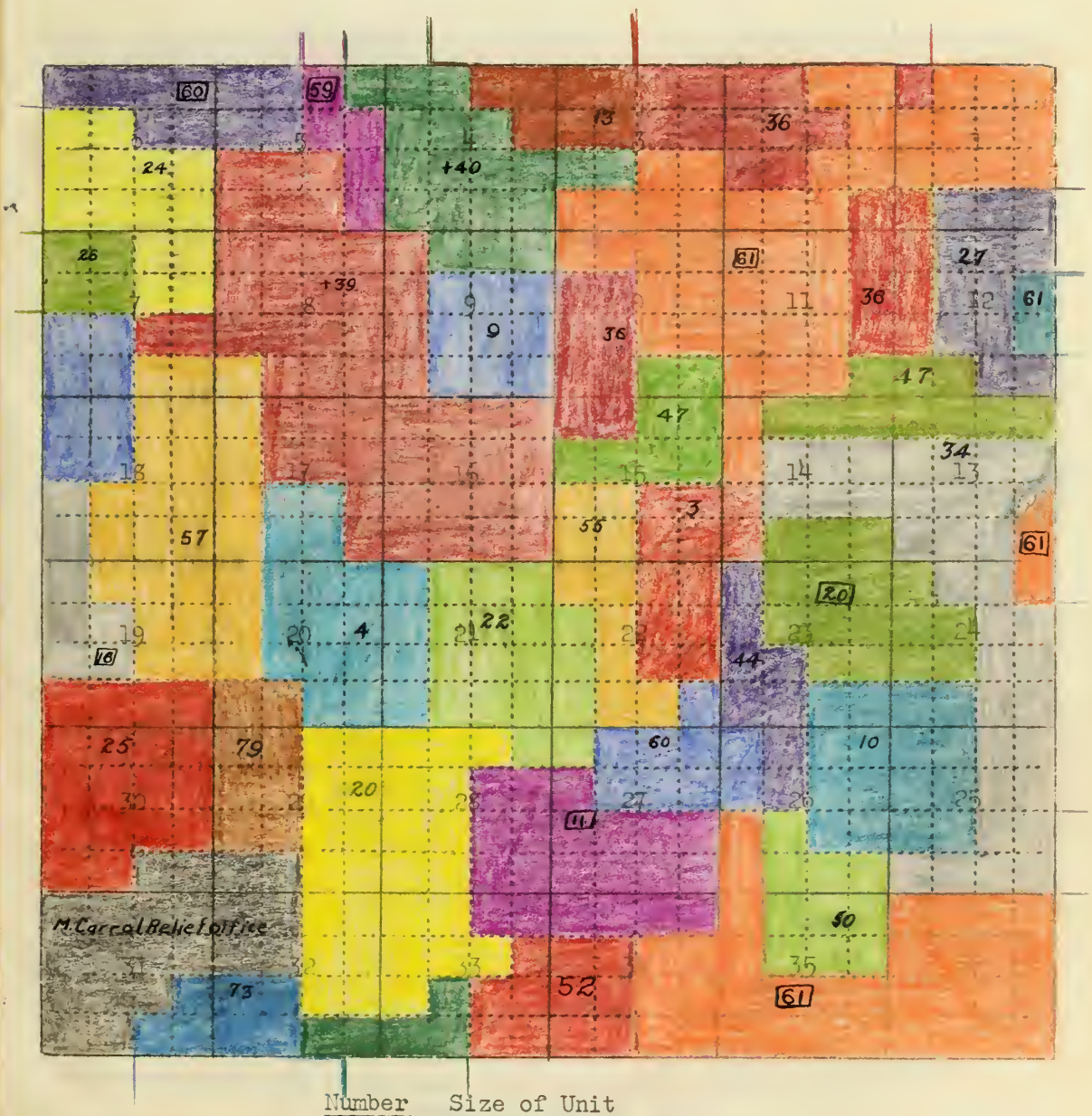
Fourth Grade Dry Farm Land. 8 - 11 bu. wheat per acre.
3 crops in last 15 years.

First Grade Grazing Land.

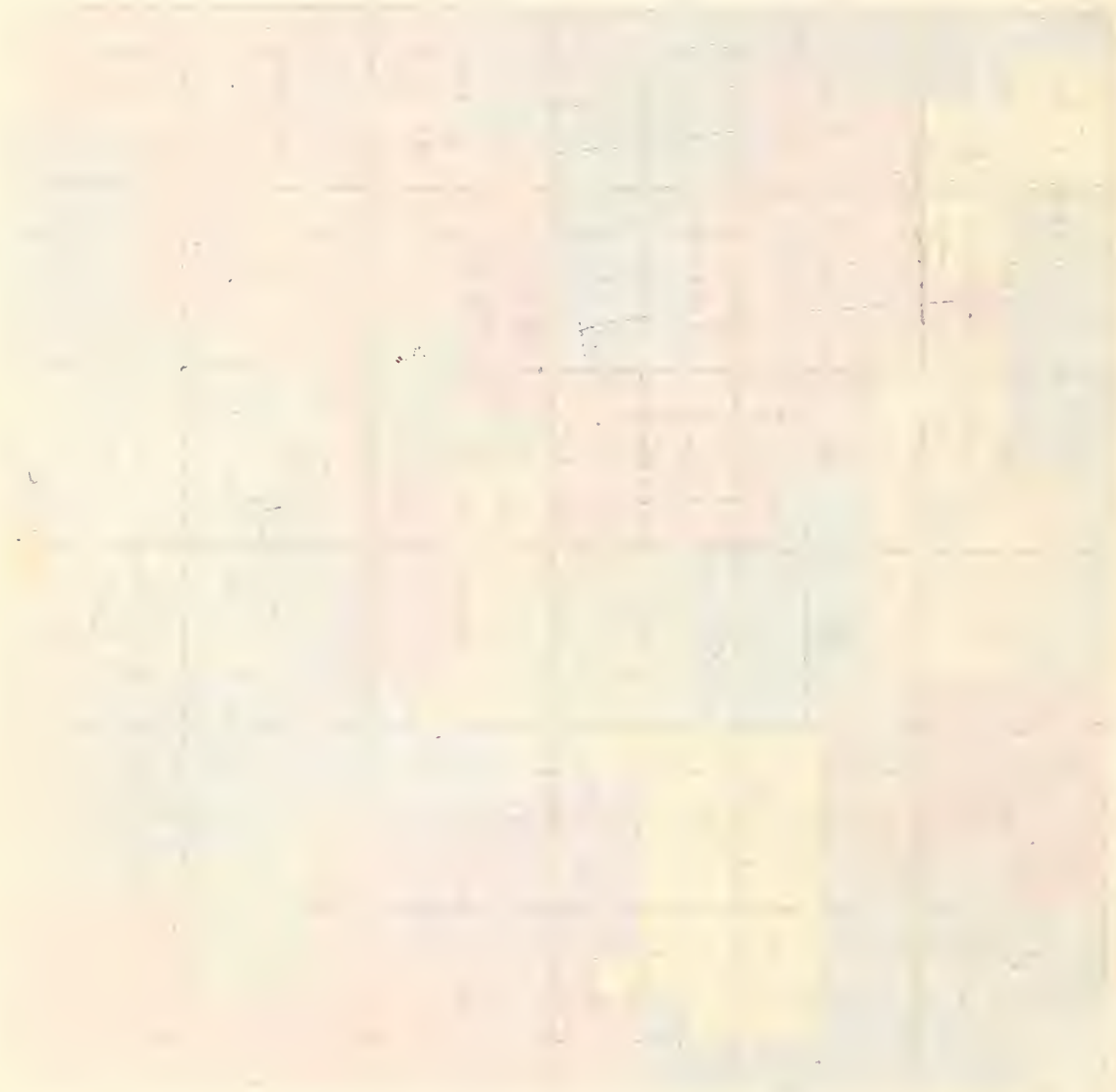
Second Grade Grazing Land.

Map
showing the extent and size
of operating units in

TOWNSHIP 49N RANGE 73 W




| Number | Size of Unit |
|---|---|
| 10 | Below 320 acres |
| 9 | 321 -- 639 acres |
| 12 | 640 -- 1278 acres |
| 3 | Above 1280 acres. |



MAP

Indicating the type of soil which these operators are attempting to farm. The area is best suited for grazing land.

TOWNSHIP 49N RANGE 73 W

SOIL PRODUCTION AS NOTED BY THE DEPT. OF SOILS, UNI. OF WYO.

Second Grade Dry Farm Land. 16 - 21 bushels wheat per acre.
3 - 5 failures in last 15 years.

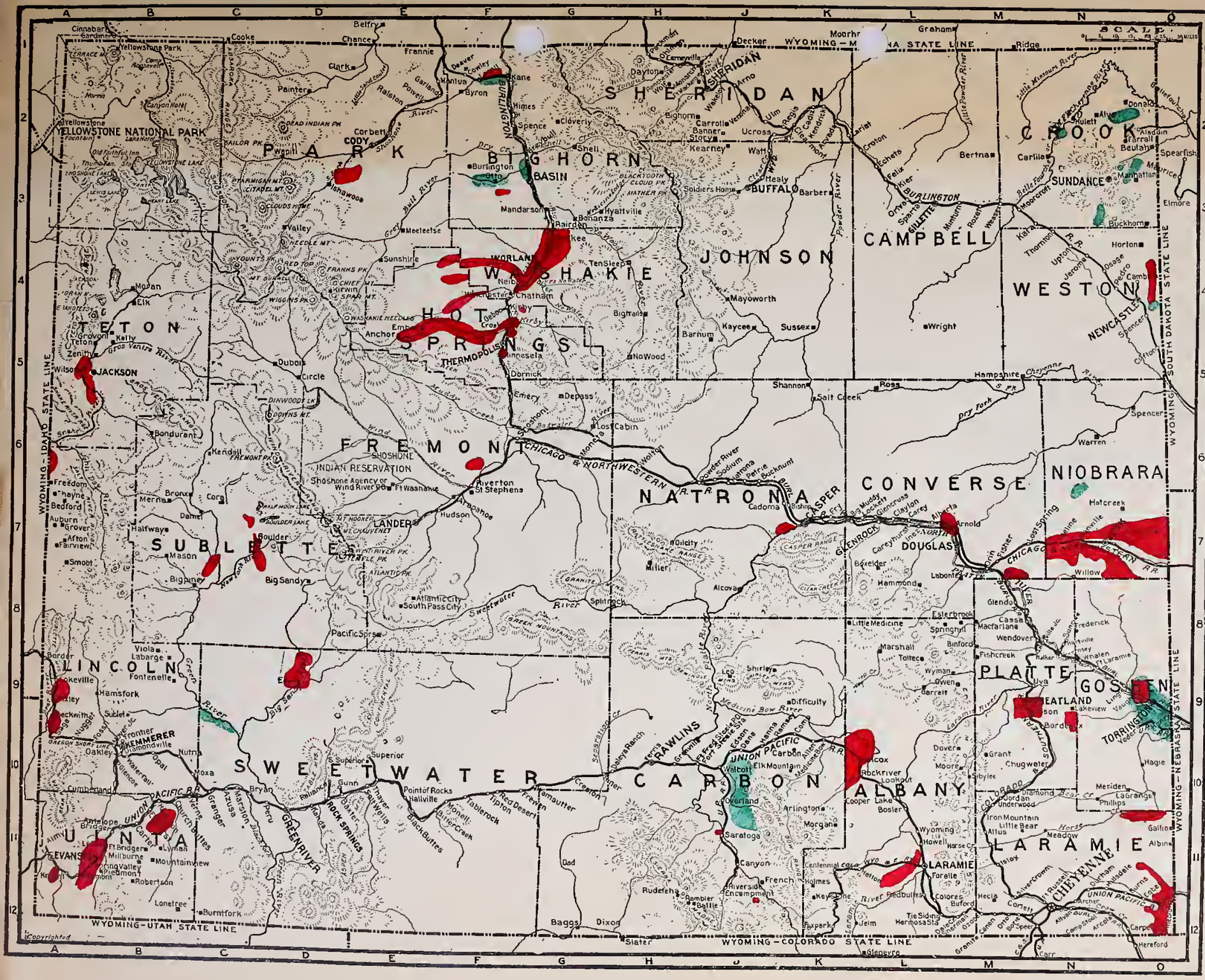
Third Grade Dry Farm Land. 12 - 15 bu. wheat per acre.
5 crops in last 15 years.

Fourth Grade Dry Farm Land. 8 - 11 bu. wheat per acre.
3 crops in last 15 years.

First Grade Grazing Land.

Second Grade Grazing Land.

# SKETCH MAP OF WYOMING

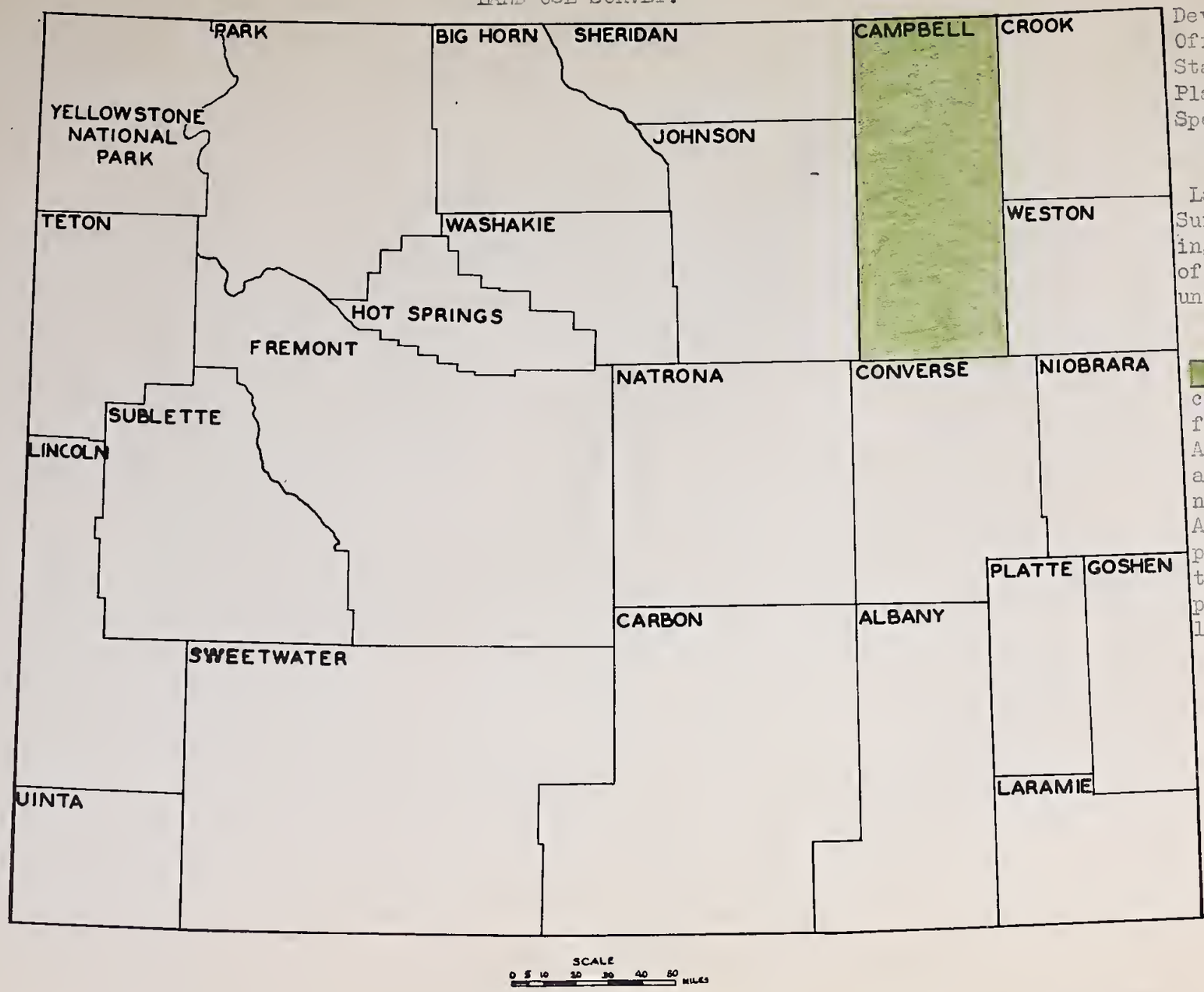



THE HOTCHKISS MAP CO., DENVER

Index Map No. 45

# WYOMING

LAND USE SURVEY.




Developed in Office of State Land Planning Specialist.

Land Use Survey showing location of operating units.

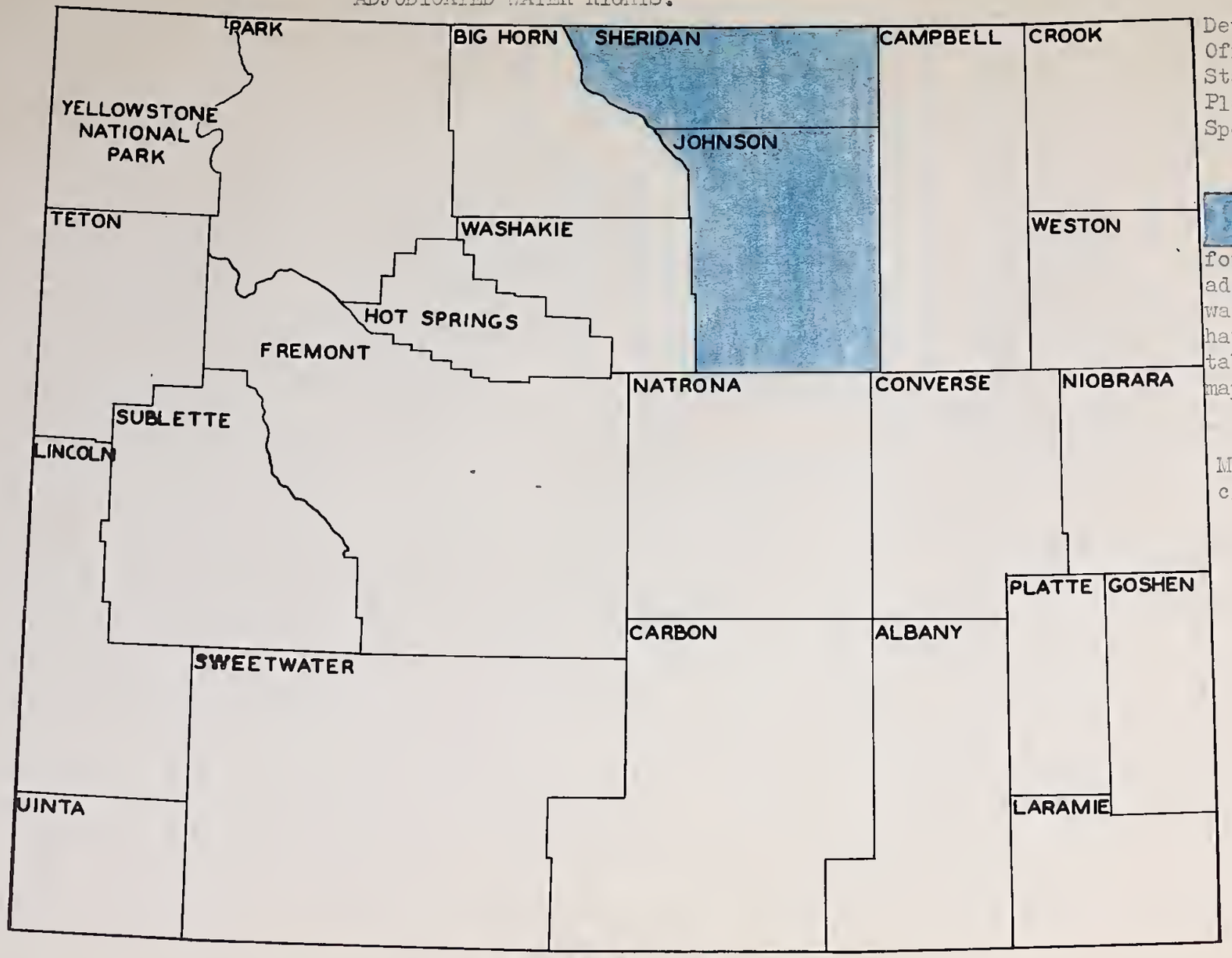
Area currently farmed. Area in alfalfa and native hay. Area in native pasture on township plats scale 1" = 2 miles

LAND USE SURVEY.

Constructed 2/24/37 Map No. 46 Page No. 110

# WYOMING

ADJUDICATED WATER RIGHTS.




Developed in Office of State Land Planning Specialist.

Area for which adjudicated water rights have been tabulated and mapped.

Map on tracing cloth.

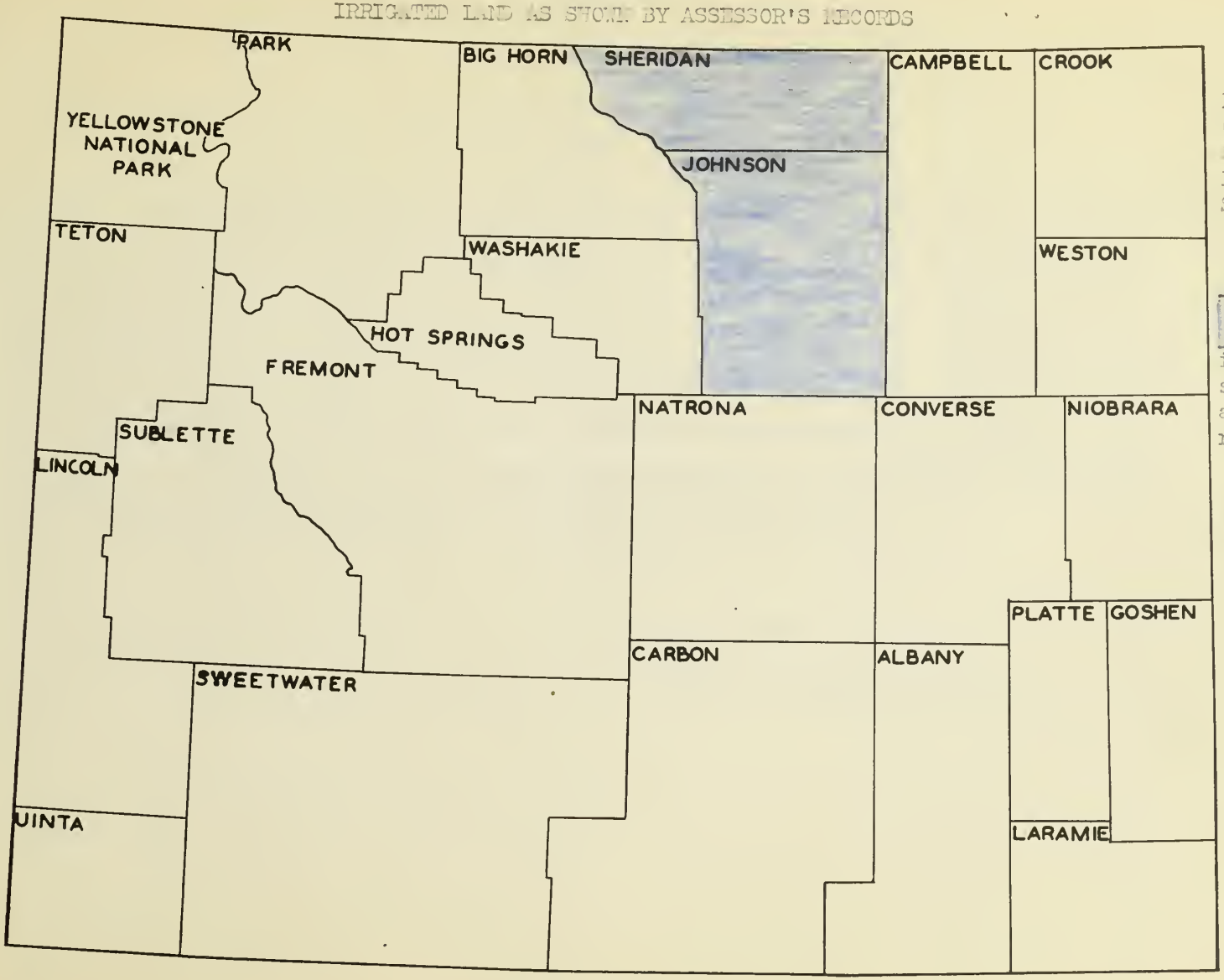
IRRIGATION STUDIES.

Constructed 2/24/37

Index Map No. 47

# WYOMING

IRRIGATED LAND AS SHOWN BY ASSESSOR'S RECORDS




SCALE 0 5 10 20 30 40 50 MILES

Developed in Office of State Land Planning Specialist.

Area irrigated as shown by assessor's records.

Map on tracing cloth.

IRRIGATION STUDIES.

Constructed 2/24/37

Map No. 48

# FOREWORD

This report indicates the extent and the kind of information, data and material that is available at the Office of the State Land Planning Specialist for Wyoming, which has a bearing on the various phases of Land Use Planning. The written statement preceding the maps is intended to briefly describe the conditions under which the data and material were compiled and the limitations of use. Additional information will be submitted as it is developed, concurrently with the monthly progress reports. As these index maps become available they should be included as a part of this general report.

H. W. Pearson

State Land Planning Specialist

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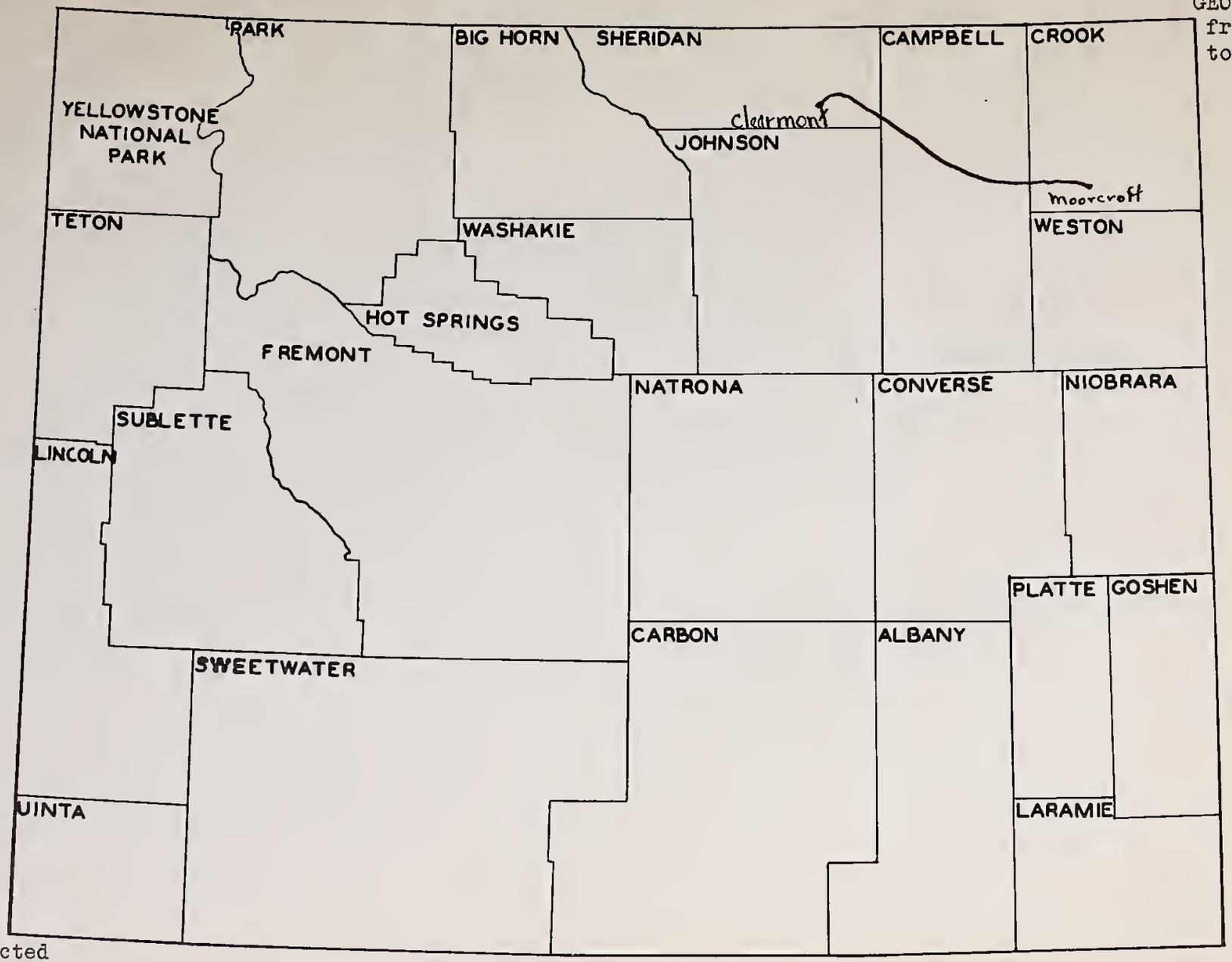
GEOLOGIC SECTION
MOORCROFT TO Clermont

I. Assembled in the office of the State Land Planning Specialist by personnel of the Water Analysis Unit.

II. Objectives and Use

This map was obtained from the C. B. & Q. R. R. when personnel of the State and Regional offices were doing field work pertaining to the possibilities of securing underground water for the irrigation of small tracts of land.

# WYOMING




GEOLOGIC SECTION from Moorcroft to Clearmont. Tracing.

Constructed 12/37

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 10.1

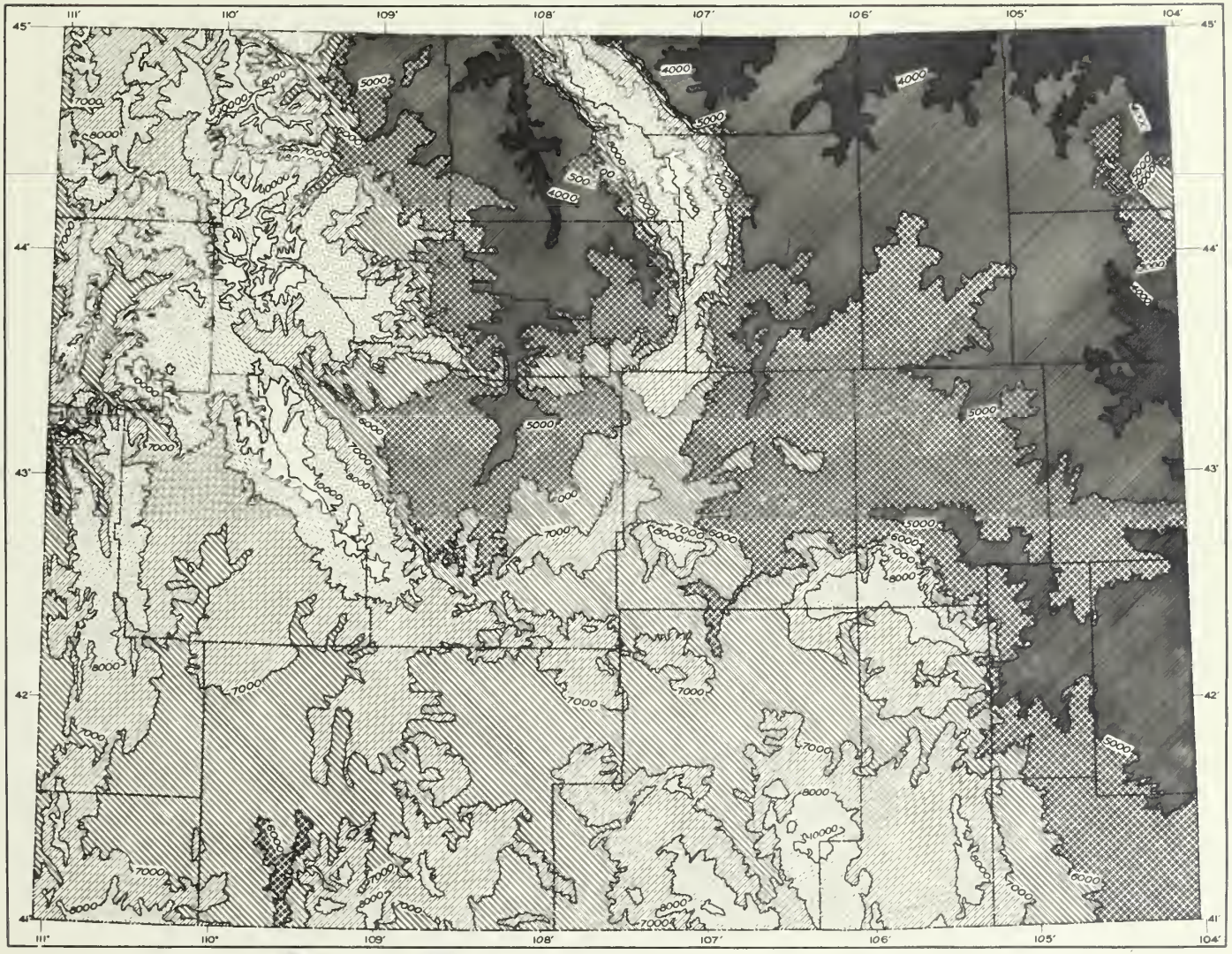
# ELEVATION ZONES IN WYOMING

I. Data assembled in the office of the State Land Planning Specialist, June 1937.

II. Objectives and Use.

The information on this map is of much value in connection with the problems involved in Land Use Planning and flood control activities. This map presents a picture of the topography of the state and may be correlated with type of farming areas. These data were compiled from State and U. S. G. S. topographic surveys.

# ELEVATION ZONES - WYOMING



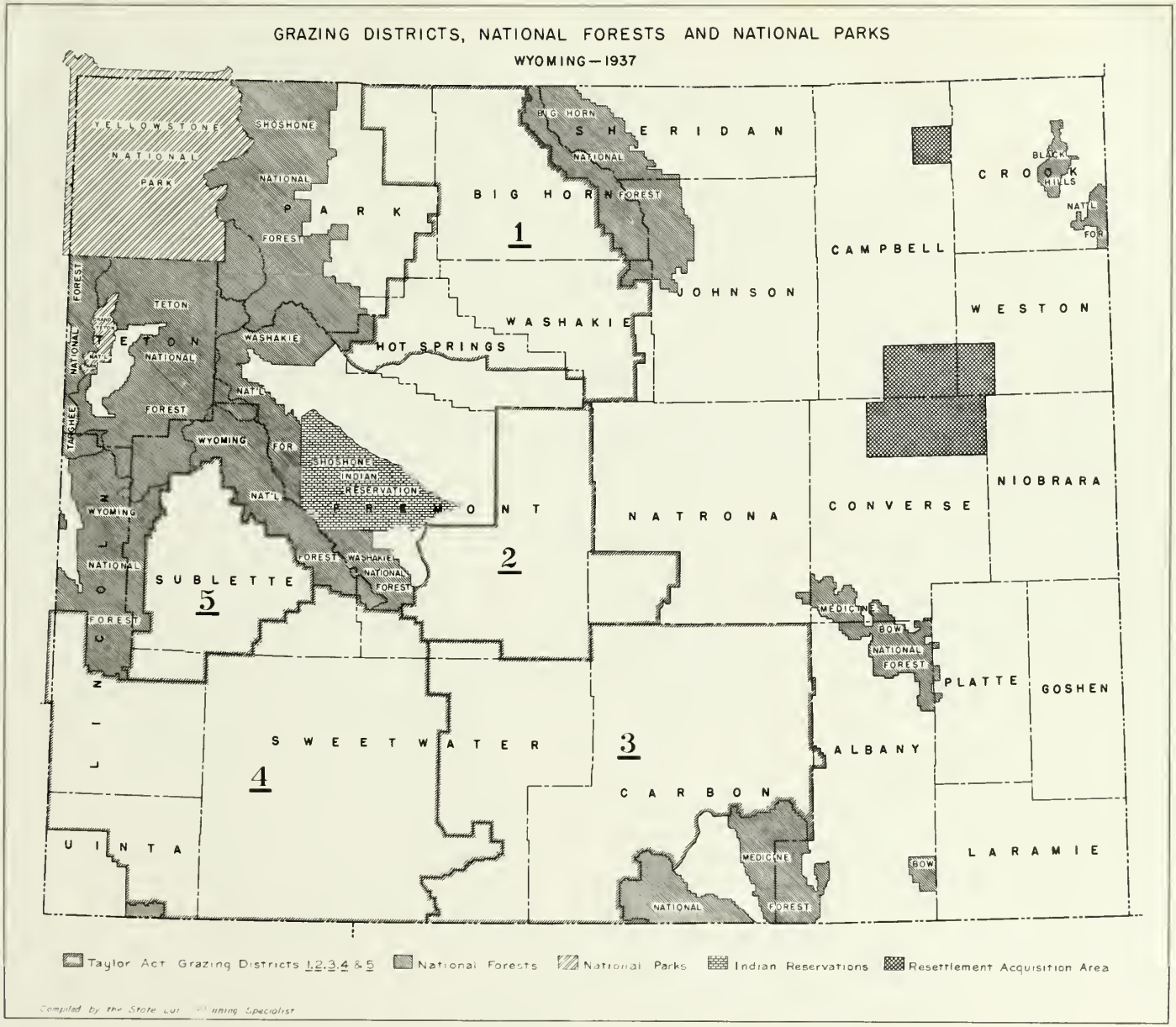

Index Map No. 17.1

# GRAZING DISTRICTS, NATIONAL FORESTS AND NATIONAL PARKS, WYOMING - 1937

I. Data assembled by State Land Planning Specialist, June 1937.

II. Objectives and Use

This information was assembled in order to have a readily available picture of the location and extent of the various types of Federally controlled land. The source of the information was the Forest Service Taylor Grazing Administration and Resettlement Administration.




Index Map No. 17.2

Page 40

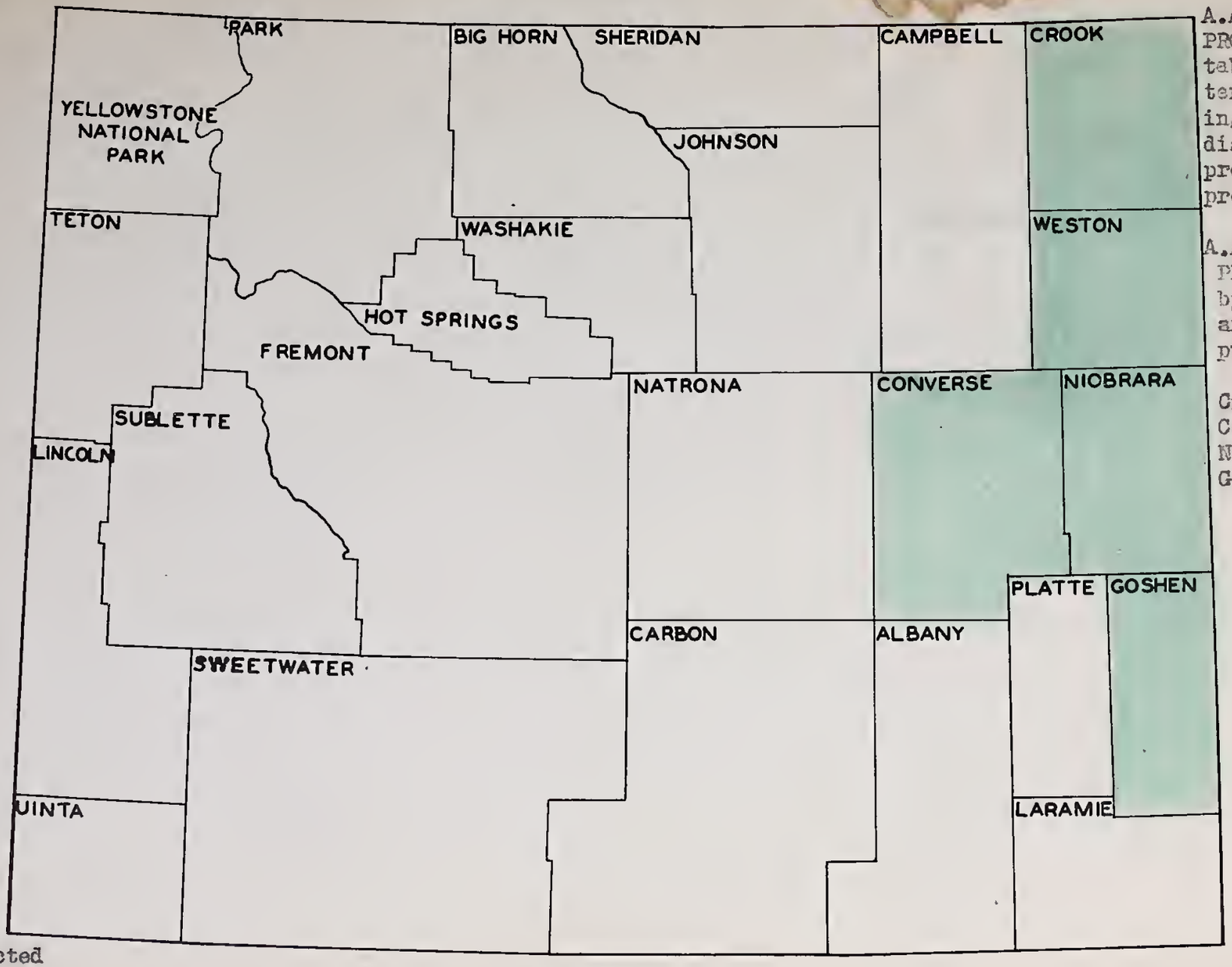
AGRICULTURAL ADJUSTMENT ADMINISTRATION
CROP AND RANGE PROGRAM

I. Data arranged in the office of the State Land Planning Specialist from schedules obtained from A.A.A. files for 1936.

II. Objectives and Use.

The data obtained from these schedules is the start of an area analysis and classification study. The information is not adequate for a complete study.

# WYOMING




A.A.A. CROP PROGRAM tabulated by tenure according to use districts and proposed purchase project sites.

A.A.A. RANGE PROGRAM arranged by use districts and proposed purchase areas.

Crook, Weston, Converse, Niobrara, Goshen Counties.

Constructed 2/38

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 17.3

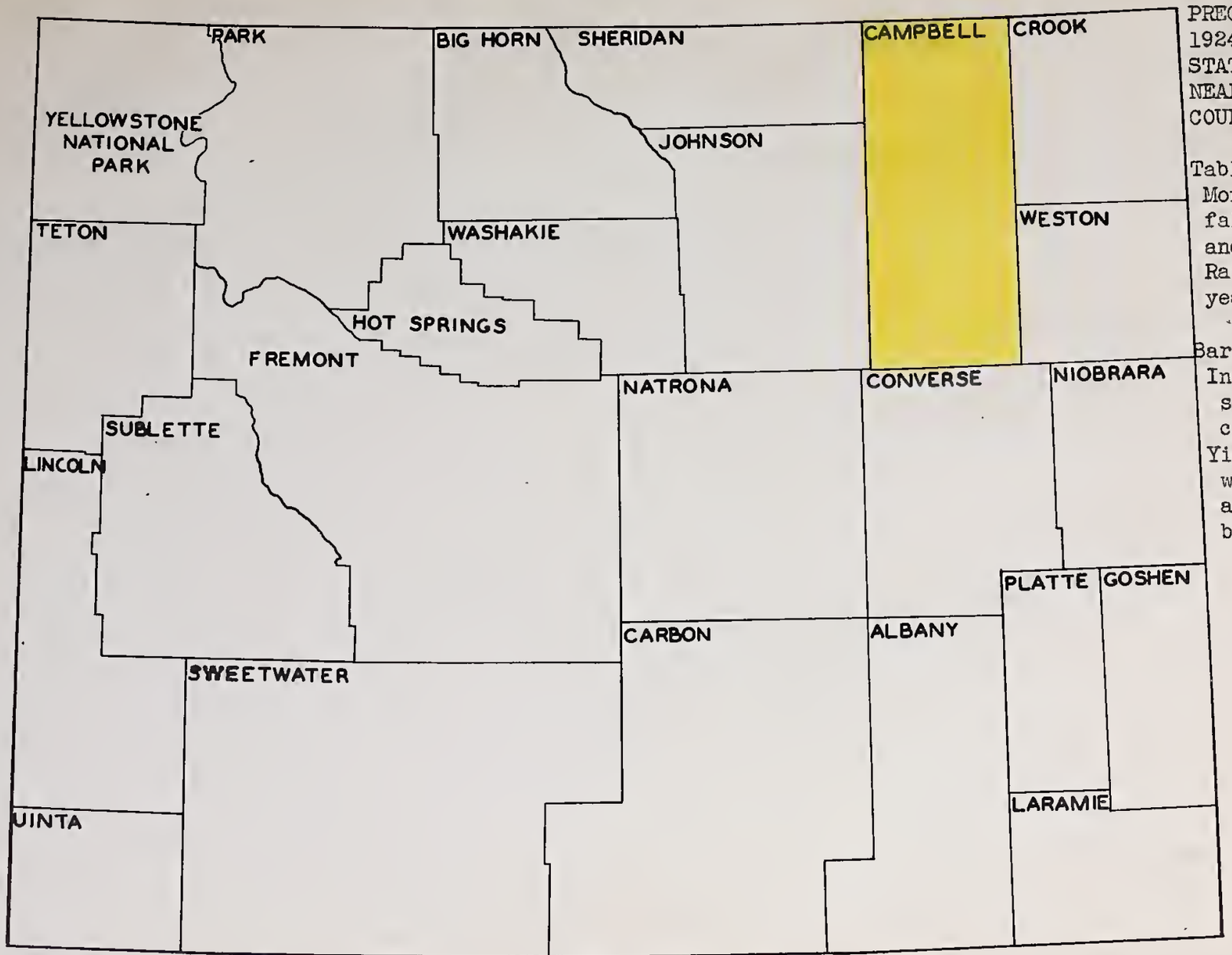
AVERAGE MONTHLY PRECIPITATION, 1924 - 1935,
AT STATIONS IN AND NEAR CAMPBELL COUNTY

I. This table was arranged by the State Land Planning Specialist.

II. Objectives and Use

The table was used to show the relationship of yields of wheat and rainfall. This table may be found in Progress Report of Area Program Planning in Campbell County, Wyoming. The source of information was the United States Weather Bureau, and Bureau of Livestock and Crop Estimates.

# WYOMING




AVERAGE MONTHLY PRECIPITATION 1924 - 1935 at STATIONS IN AND NEAR CAMPBELL COUNTY

Table shows Monthly Rainfall by stations and Monthly Rainfall by years. (inches)

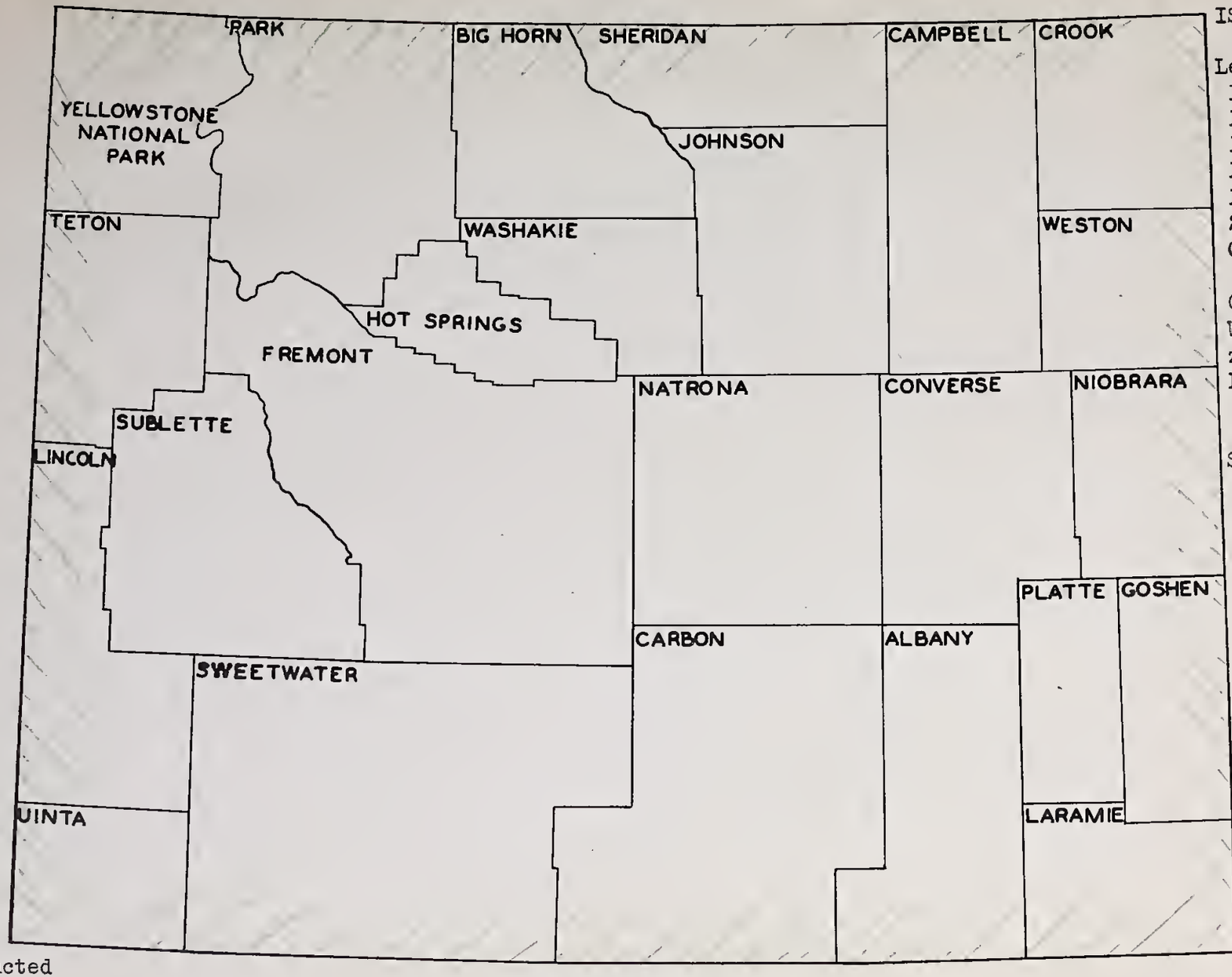
Bar chart shows Inches of seasonal precipitation Yield per acre wheat planted acreage in bushels

Constructed 11/37

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 28.1

# WYOMING




ISOHYETAL MAP
Print
Legend:
10 - or less
10 - 13
13 - 16
16 - 19
19 - 22
22 - 25
Over 25

Compiled by Water Utilization Unit Land Use Planning Sec.

Source of data:
U.S. Weather Bureau
U.S. Geological Survey

Constructed
10/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 28.2

Page 57 b

TAXES LEVIED IN CAMPBELL COUNTY ON PER CAPITA BASIS 1924 and 1934,

AND TAXES LEVIED SINCE 1921 IN STATE OF WYOMING

SHOWING PERCENTAGE INCREASES AND DECREASES.

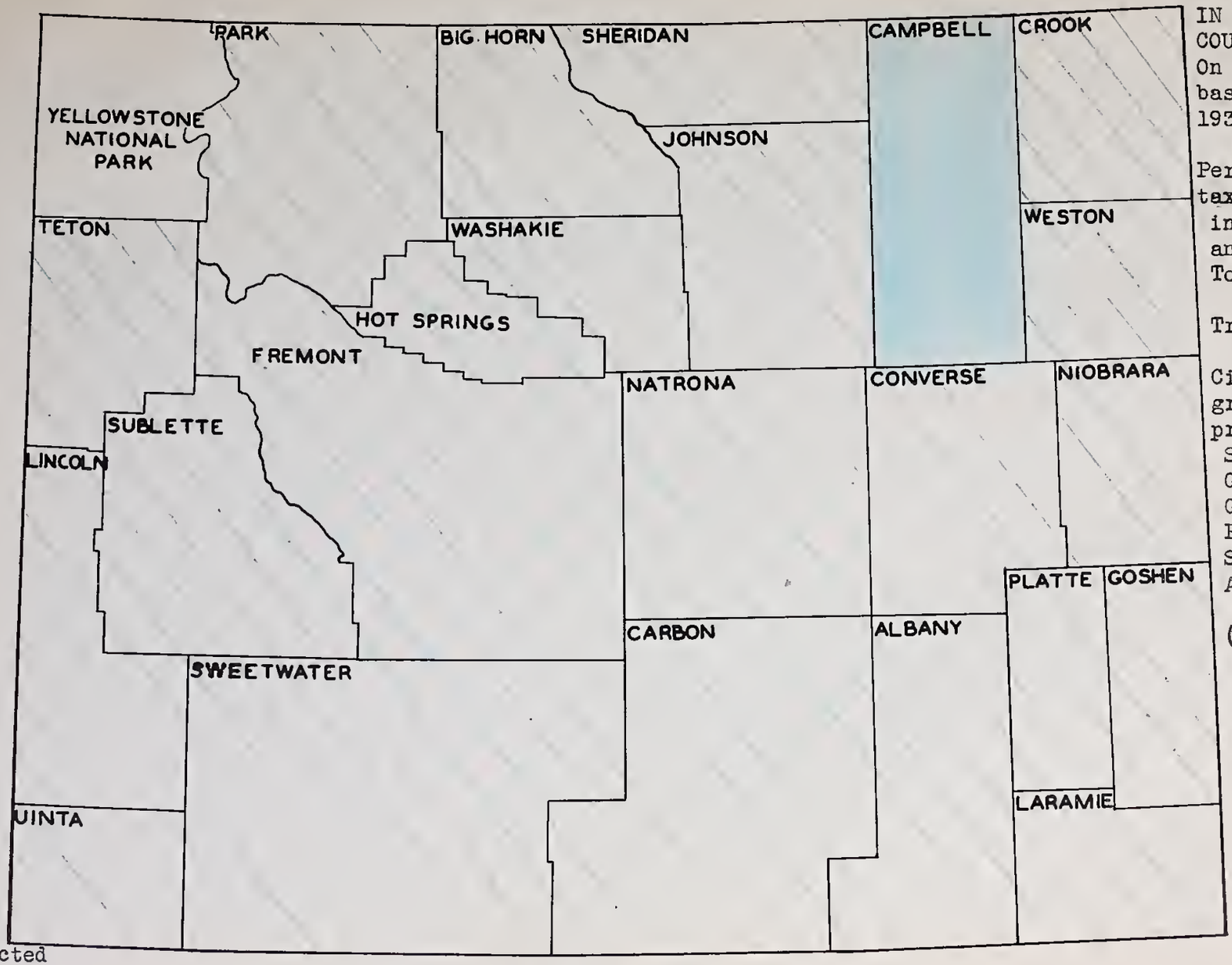
I. Charts and tables were made in the office of the State Land Planning Specialist.

II. Objectives and Use.

In order to make some general observations in taxes and levies, as further information necessary to Area Program Planning, some comparisons between Campbell County and the State have been made. The information is from the reports of the State Board of Equalization.

These charts have been prepared to show: Amount of school, county, and state taxes, 1921-34, percentage change in taxes for the same period, and per capita valuation of land, livestock, town lots and improvements, etc.

# WYOMING




TAXES LEVIED IN CAMPBELL COUNTY
On per capita basis
1934 and 1924 showing
Per capita tax average in dollars and % of Total Taxes

Tracing.

Circle diagram showing proportion of
State Levy
General County
General School
Poor & pauper
Special school
All other

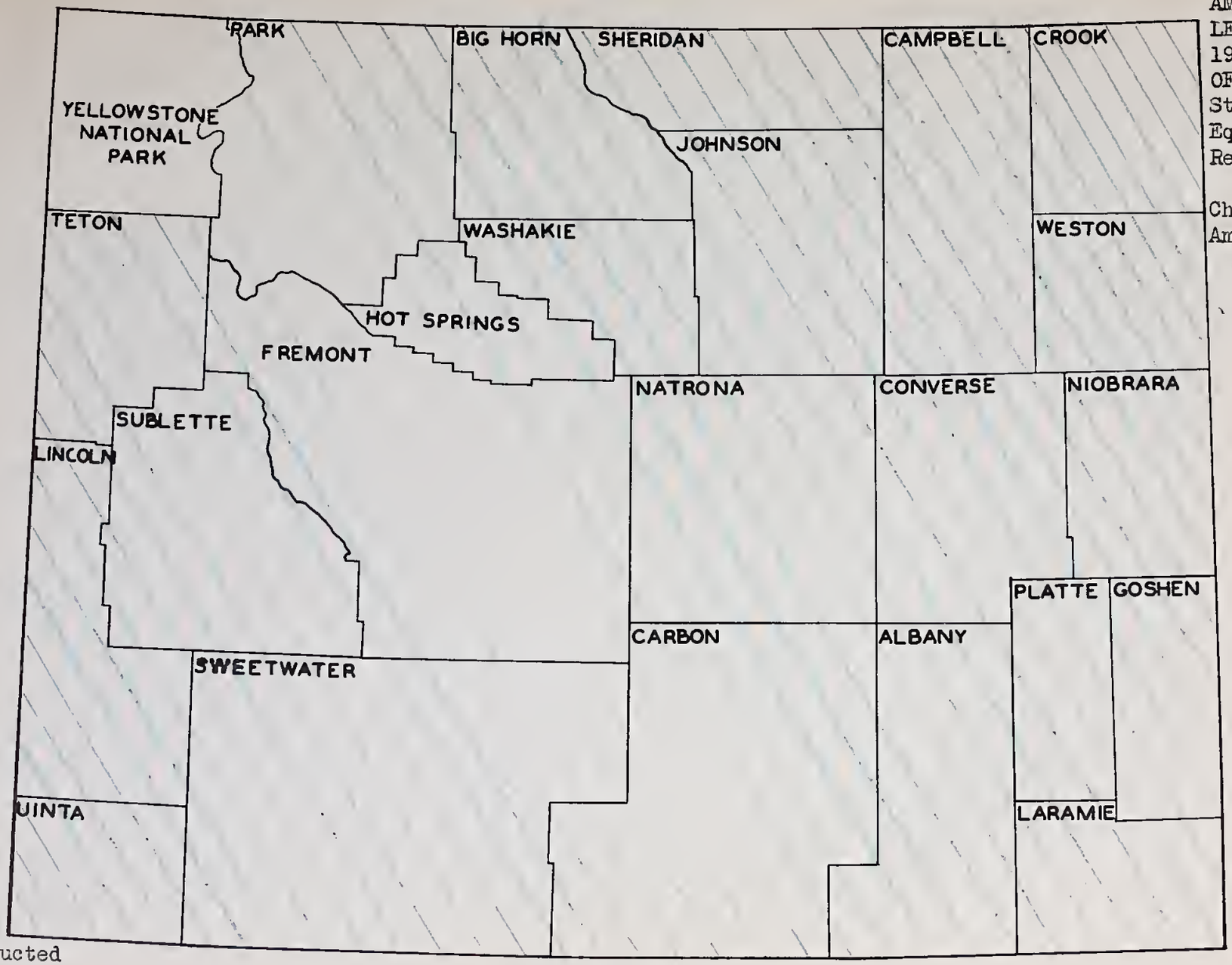
(above data available for State of Wyoming).

Constructed
10/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 37.1

# WYOMING




AMOUNT OF TAXES LEVIED SINCE 1921 -- STATE OF WYOMING
State Board of Equalization
Report 1933-34

Chart showing
Amount of
School Taxes
County Taxes
State Taxes

Constructed
10/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 37.2

Page 98b

VALUATION AND INCREASE AND DECREASE IN
TAXES IN WYOMING AND CAMPBELL COUNTY.

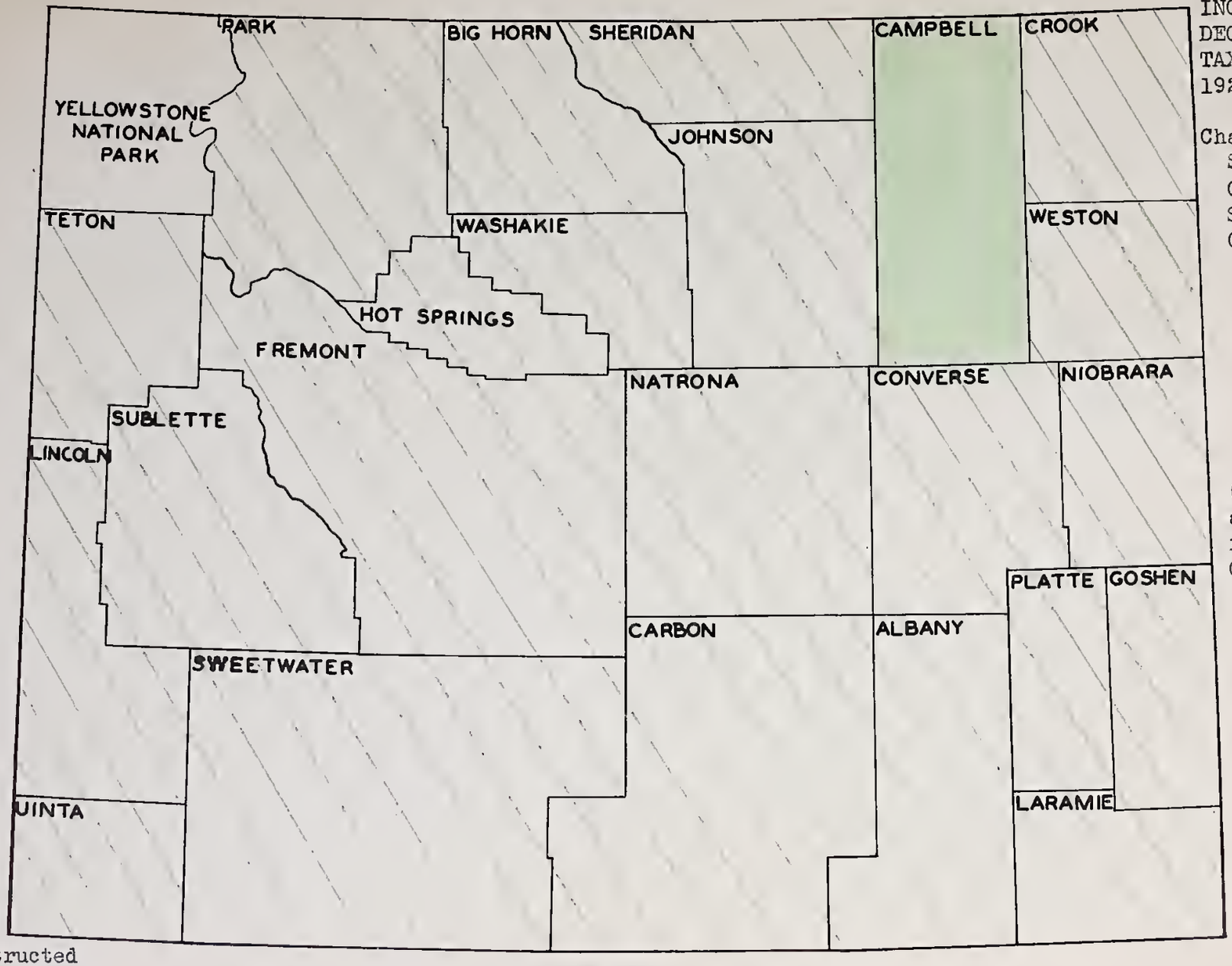
I. Arranged in office of the State Land Planning Specialist.

II. Objectives and Use.

It is important in Land Use Planning to have a correct valuation of all property in the state subject to taxation and to equalize same so that each county pays its just share of the burden; to place a value for assessment purposes on all land and livestock, to assess the coal, oil, gas, metals and other valuable deposits, the railroads, telephone and telegraph lines, and other public utilities.

The data was made available by the State Statisticians Office.

# WYOMING




PERCENTAGE INCREASES AND DECREASES IN TAXES SINCE 1921 - WYOMING

Chart showing
State Tax
County Tax
School Tax
City Tax

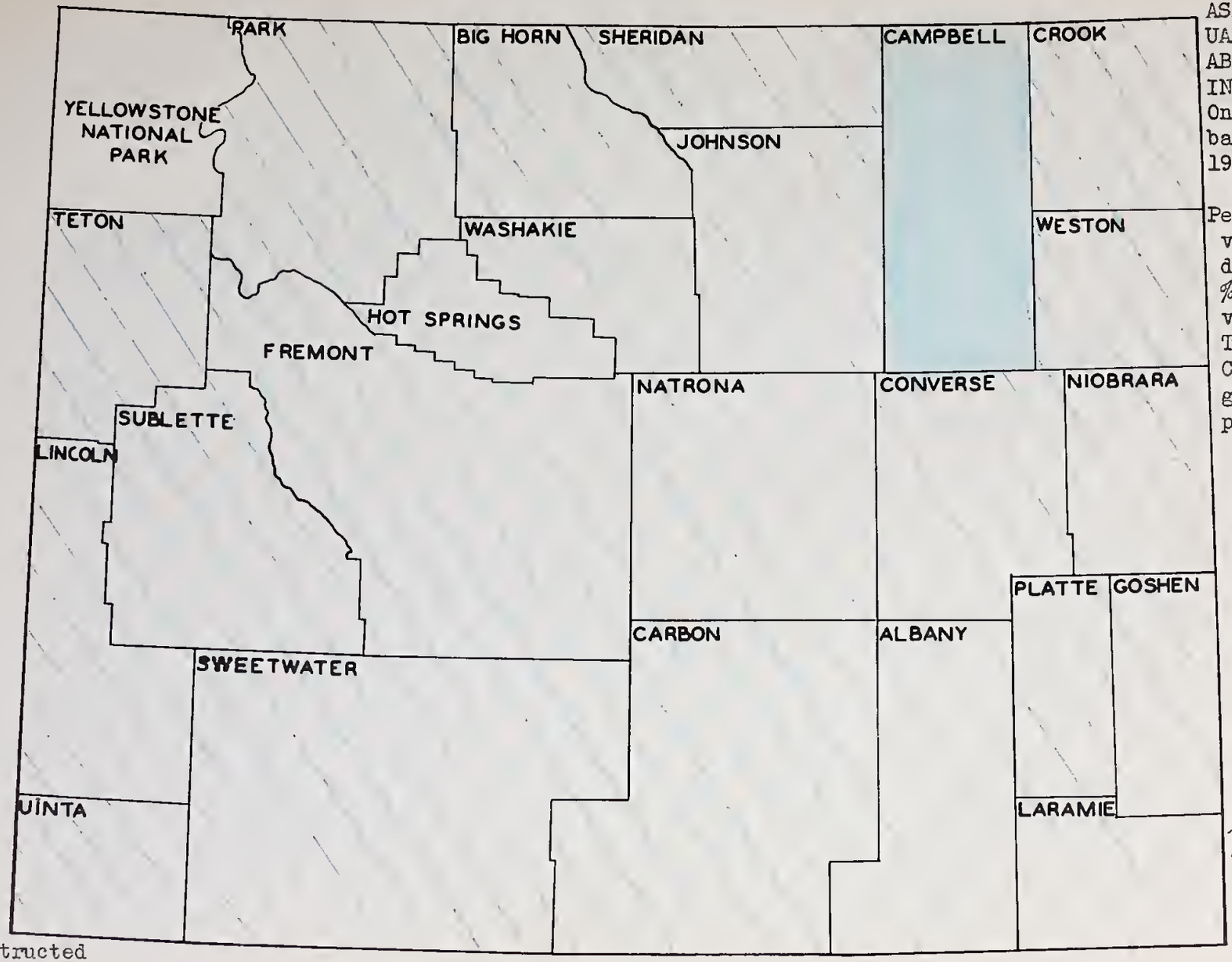
(Above data available for Campbell County).

Constructed
10/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 37.3

# WYOMING




ASSESSED VALUATION OF TAXABLE PROPERTY IN WYOMING
On per capita basis for 1934 - 1924
showing
Per capita valuation - dollars and % of Total valuation.
Tracing.
Circle diagram showing proportion of
Dry farm land
Grazing land
Other land
Improvements
Town lots & improvements
Cattle
Sheep
Other Livestock
Industrials

(Above data available for Campbell County)

Data Assembled 6/36 - 6/37

Constructed 10/37

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 374

LAND UTILIZATION CAMPBELL COUNTY

I. Data assembled by State Land Planning Specialist during the period 1/36 - 6/36. Field work carried on during the period 6/35 to 1/36.

II. Objectives and Use

This information was collected as a part of the area program planning study in Campbell County. This study has been planned to show, as far as possible, for a typical problem area, (a) The specific kinds of problems which exist, (b) The reason why these problems exist, (c) The factors associated with a desirable remedy and (d) The method most possible and likely to effectuate a desirable solution giving consideration to both the conservation of natural resources and improvement in standards of living. These factors taken together represent essentially the progressive program of action.

Campbell County in Wyoming was chosen as a region susceptible to further land use planning study because of its location in the drouth area, its variation in types of farming and ranching, and its cultural land use problems for which little detailed information has been previously available.

The Land Use Survey made by the State Land Planning Specialist indicates the presence of 952 operating units in this County. The data and information secured in the field survey will permit and provide a fairly thorough answer to the question suggested above. A narrative report of a brief analysis of 190 detailed land use survey schedules has been made. Preliminary tabulation of 762 short form land use survey

schedules on a basis of the size of the operating unit have been completed. In the development of this study it is intended to determine as far as possible the influence of tenure groups on land utilization. The tenure groups to be owners, owners renting additional land, and tenants or renters. Preliminary tabulation of the schedules showing details of land use practice on a basis of tenure have been made.

In order to portray the factors and practices associated with desirable and undesirable land use, maps of a standard scale, 1/2 " = 2 miles, are being prepared to show:

1. Variations in soil by capacity to produce grain and forage crops. This map to be determined by: (a) Soil survey, (b) Crop yield data secured in land use survey, (c) A.A.A. wheat allotment records, and (d) Agricultural Conservation records of community production indexes and the range examination report.
2. Operating units in which the location of the area currently farmed, the area in hay and the area in pasture is indicated.
3. Operating unit in which the type of farm is indicated by symbols as: + for 10 head of cattle, 0 for 40 head of sheep, △ for 200 bushels of wheat, ▭ for 100 hens, - for 10 turkeys and ✓ for 3 sows.
4. Operating unit showing gross income based on $18 per cattle unit, $4.80 per sheep unit, 92¢ per bushels wheat, $2.25 per chicken hen, $18 per turkey hen and $66 per sow. These values were determined essentially by the data secured in the detailed land use survey schedules and apply specifically to

the crop year of 1935.

5. For sample townships in various parts of the County, in which all types of farming will be included, the attempt will be made to develop a map on the scale of 2 inches to the mile that will show soil ratings, boundaries of the operating unit and the land in crops and indicate also the gross income and by symbol the type of farm.

These maps associated with other information at hand should enable the fairly accurate determination of sound and desirable land use practices for specific areas, of adjustment necessary and the influence of such adjustment on the population pattern. These maps will also be an essential necessity in connection with all our educational activities.

6. Map of the County showing variation in carrying capacity as indicated by the A.A.A. Range Examiner's report.

Brief analysis of factors associated with desirable and undesirable land use, as shown by:

190 Labor income Land Use Survey Records

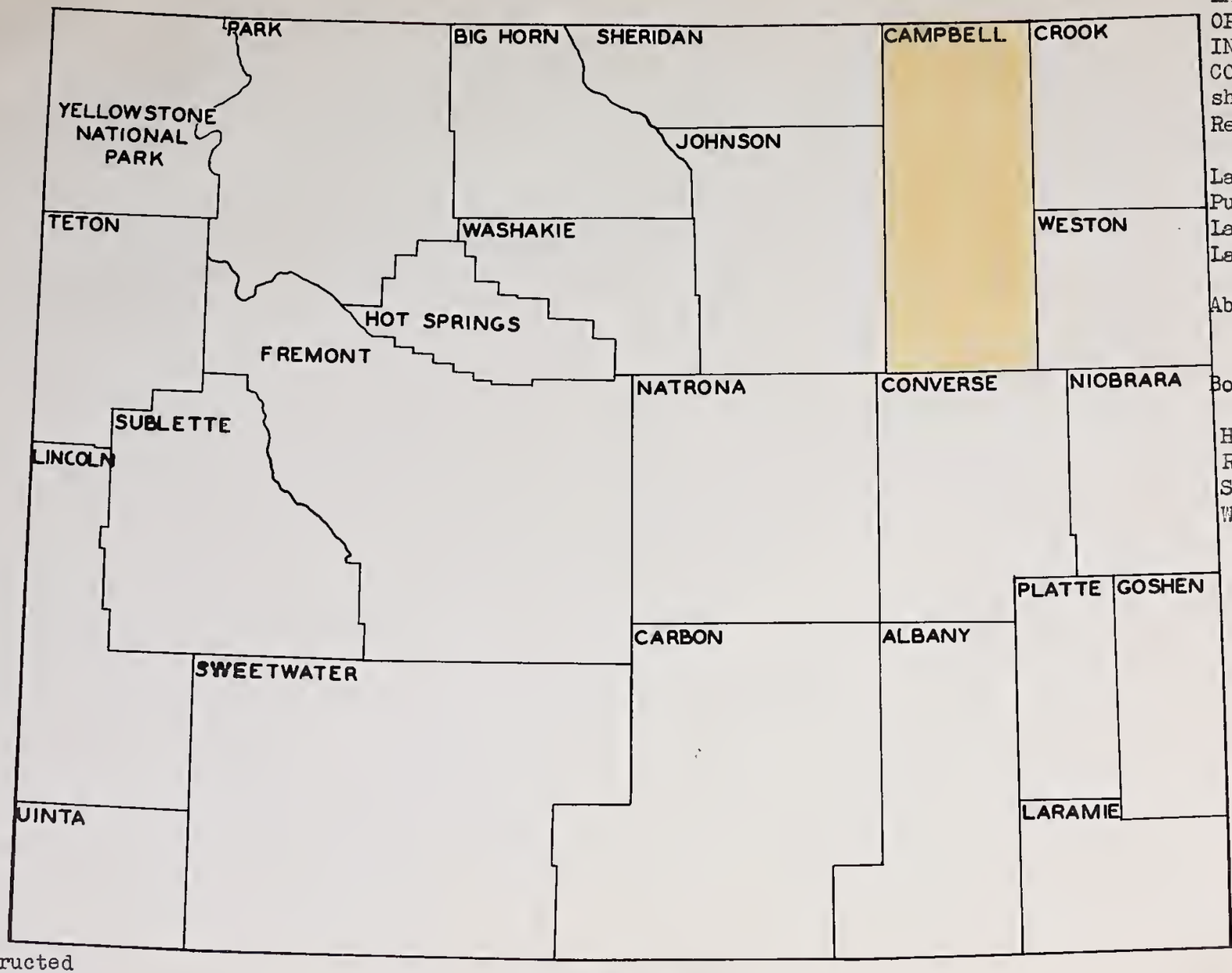
572 Short-form Land Use records.

140 Prairie Cattle Ranch Records

Detailed for Campbell, and eastern

Sheridan and Johnson Counties.

# WYOMING




LAND USE AND OPERATING UNITS IN CAMPBELL COUNTY showing:
Resident owned land
Land under lease
Public domain
Land in hay
Land under cultivation
Abandoned crop land

Boundary of operating unit
Headquarters
Reservoir
Spring
Well

(Special print for T. 48-49N, R. 71, 72, 73W)
T. 49, 50, 51N - R. 69, 70W)

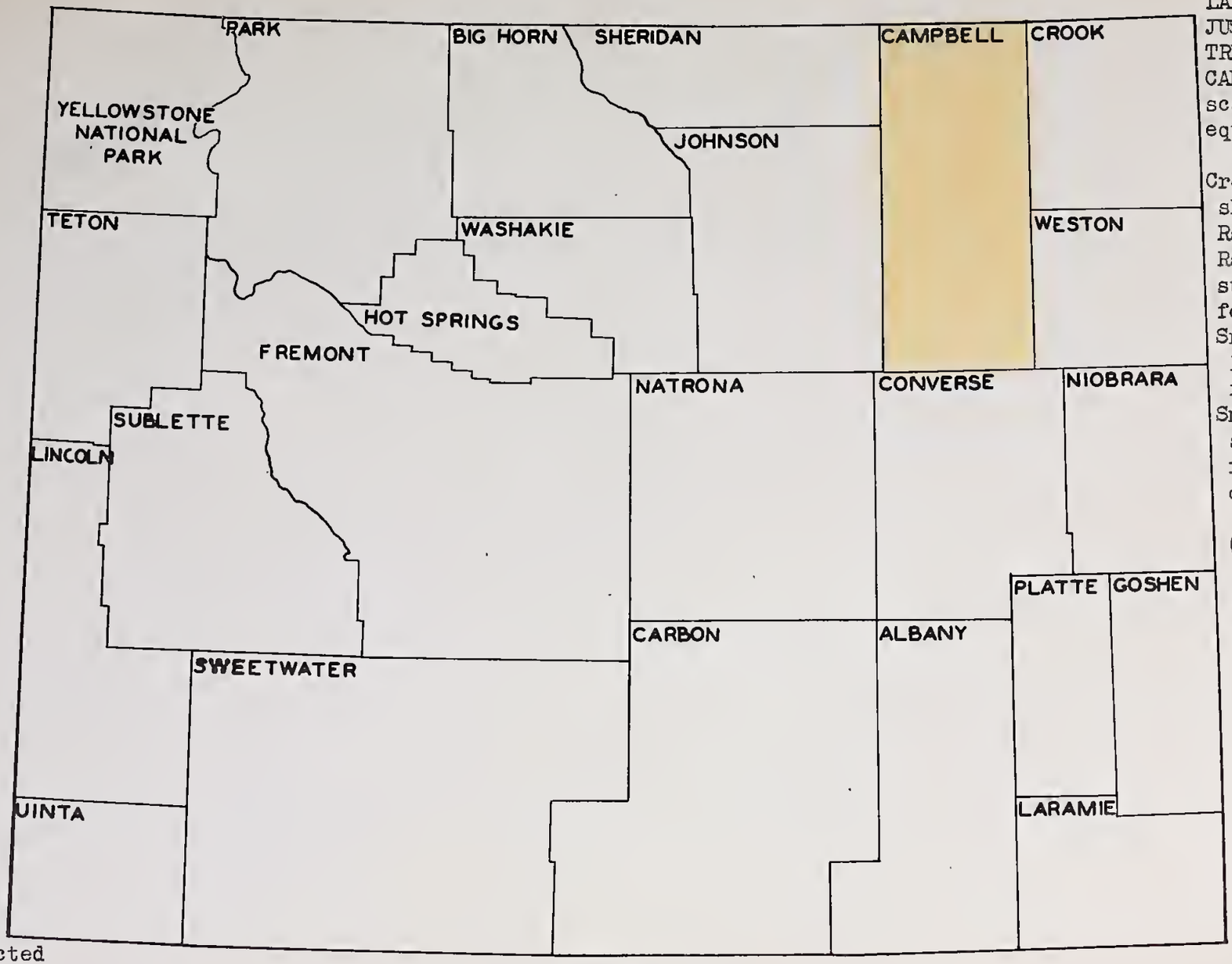
Constructed
9/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 46.1

Page 110 a

# WYOMING




LAND USE ADJUSTMENT DISTRICTS
CAMPBELL COUNTY
scale 1 inch equals 2 mi.
Tracing.
Cross-hachure showing:
Range Pasture
Range livestock supplementary forage crops
Small Farm - livestock, forage crops
Small Livestock unit forage crops, cash grain.

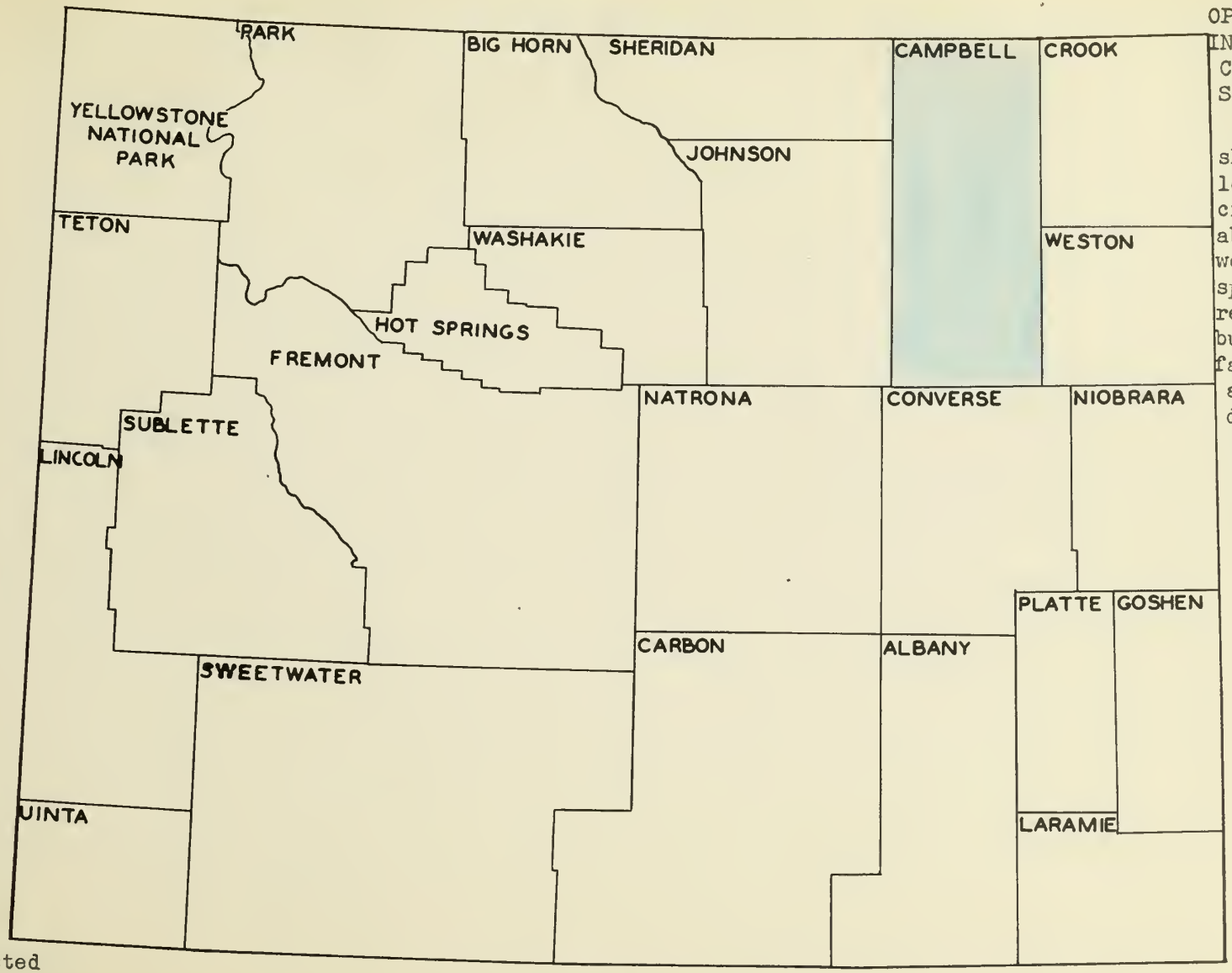
(special print for T. 48 - 49N - R. 71, 72, 73W)

Constructed
9/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 46.2

# WYOMING




OPERATING UNITS IN CAMPBELL COUNTY
Scale 1/2" = 1 mile

shows: deeded, leased land, crop, hay and abandoned land, wells, creeks, springs, reservoirs, buildings, farmstead, and public domain.

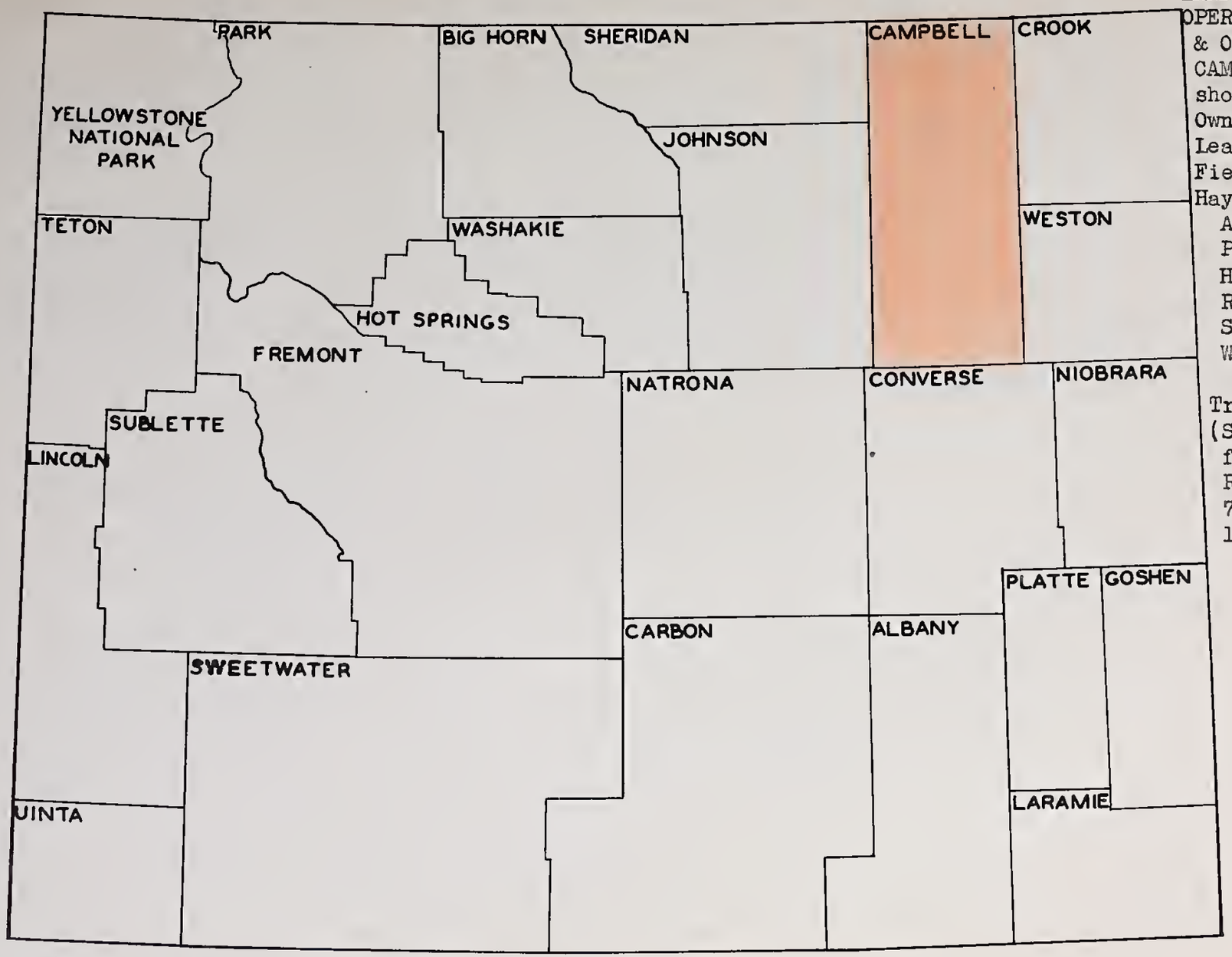
Tracing.

Constructed 9/37

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 46.3

# WYOMING




LAND USE BY OPERATING UNITS & OWNERSHIP
CAMPBELL COUNTY
showing:
Owned land
Leased land
Fields
Hay
Abandoned fields
Public domain
Headquarters
Reservoirs
Springs & Wells

Tracing. ½" = 1 mile
(Special prints for T. 44-45N. R. 70, 71, 72W) -scale 1" = 2 miles

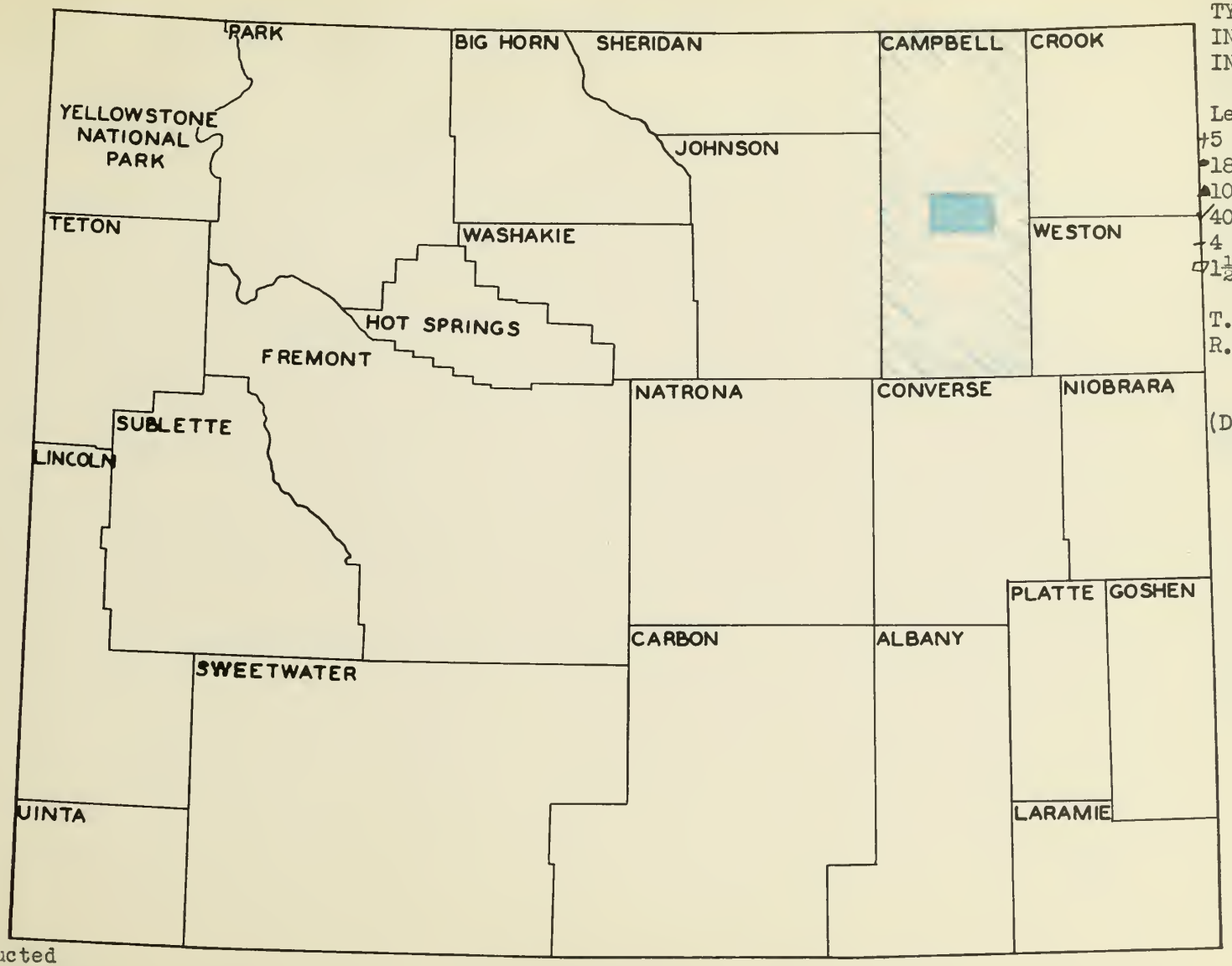
Constructed
9/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 46.4

Page 110d

# WYOMING




TYPE OF FARMING BY OPERATING UNITS

Legend:
+5 cattle units
•18 sheep units
▲100 bu. wheat
✓40 chickens
→4 turkey hens
□1½ brood sows

Tracing.
T. 48, 49N - R. 71, 72, 73W.

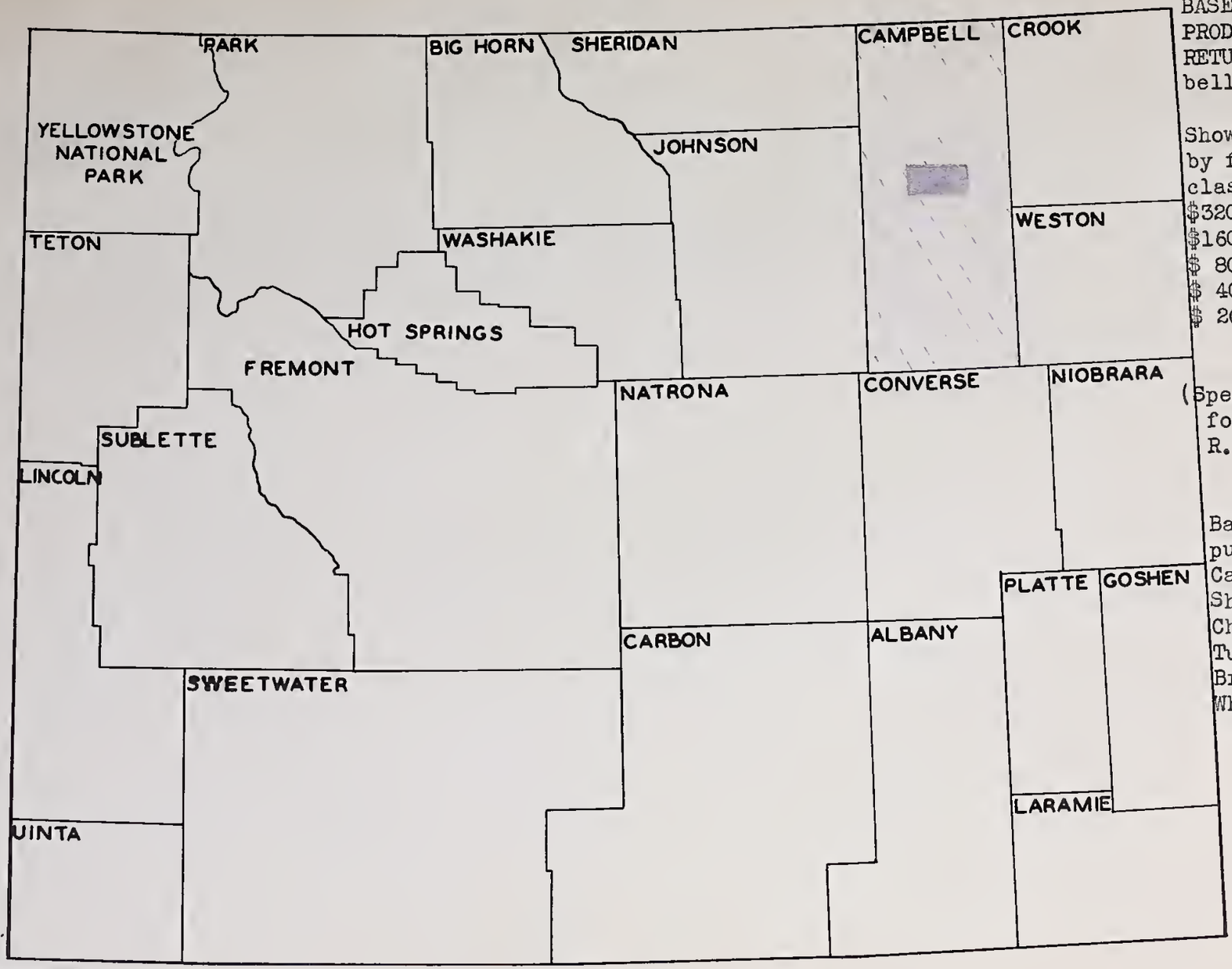
(Data available for county)

Constructed 9/37

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 46.5

# WYOMING




GROSS INCOME BASED ON AVERAGE PRODUCTION & RETURNS - Campbell County

Shows incomes by following classification:
$3200 & above
$1600 - $3200
$ 800 - $1600
$ 400 - $ 800
$ 200 - $ 400
0 - $ 200

(Special print for T. 48-49N. R. 71, 72, 73W.)

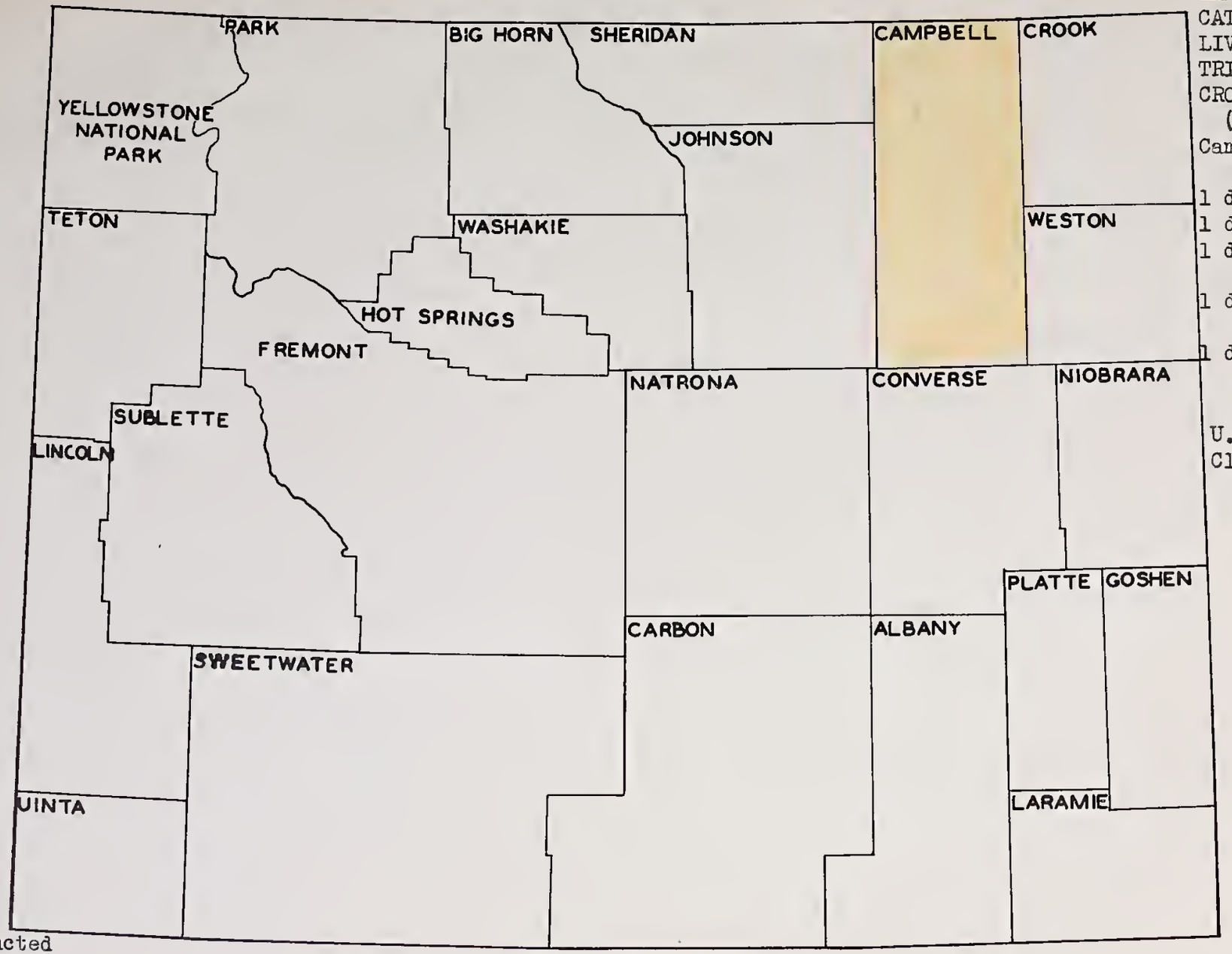
Basis for computing income:
Cattle Unit $18.
Sheep Unit $4.80
Chicken Hen $2.25
Turkey hen $20
Brood Sows $75.
Wheat, per bu. 92¢

Constructed 9/37

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 46.6

# WYOMING




LAND CLASSIFICATION AND LIVESTOCK DISTRIBUTION AND CROP PRODUCTION
(Dot map)
Campbell County

1 dot = 2500 sheep
1 dot = 500 cattle
1 dot = 200 A. all hay harvested
1 dot = 200 A. wheat harvested
1 dot = 200 A. corn harvested

U.S.D.I. Land Classification

Constructed
9/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 46.7

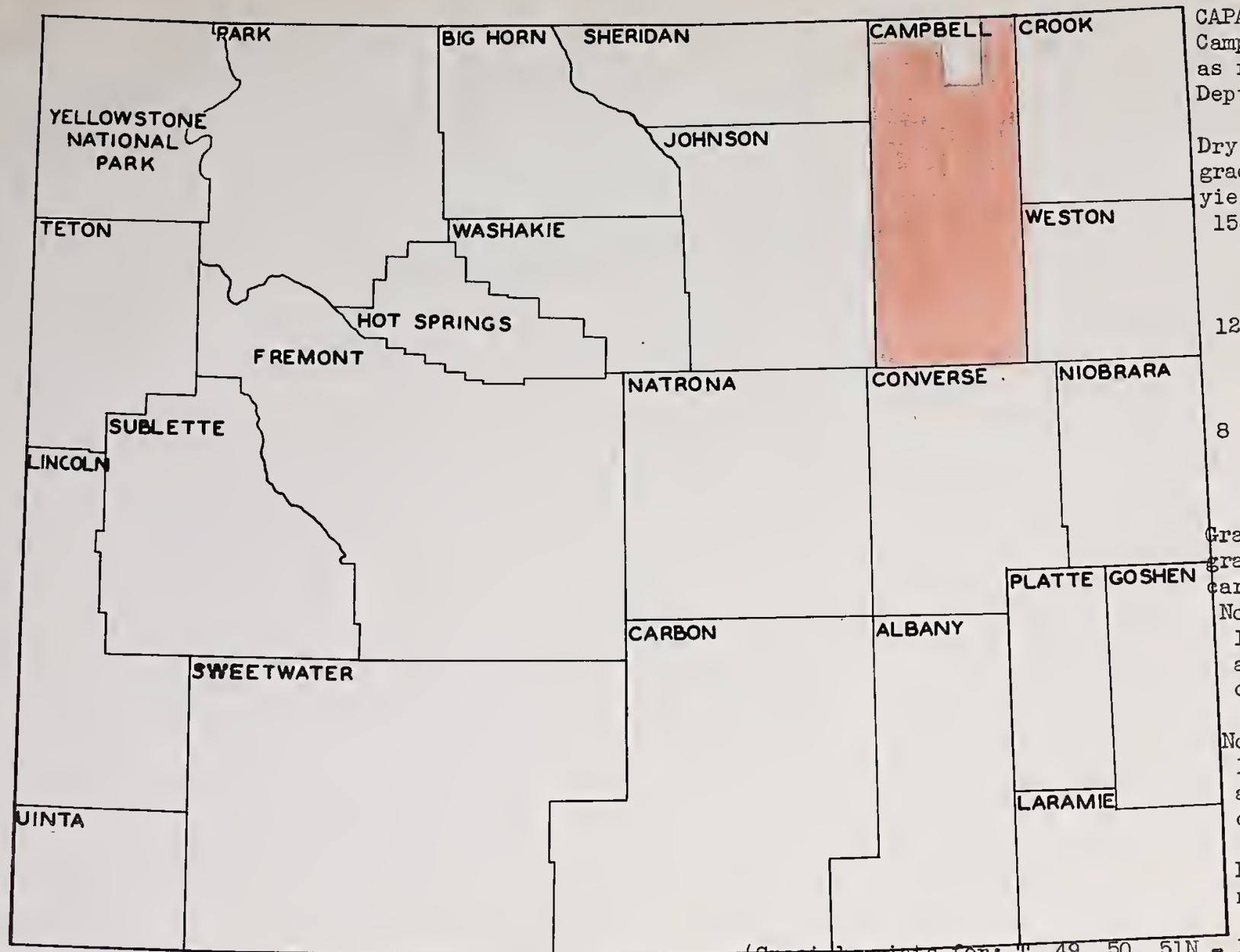
SOIL PRODUCTION CAPACITY
CAMPBELL COUNTY

I. Compiled in the office of the State Land Planning Specialist from original field survey sheets made by the University of Wyoming Agricultural Experiment Station, Bureau of Chemistry and Soils, and Land Utilization division of Resettlement Cooperating.

II. Objectives and Use.

In order to have the basic data necessary for the development of sound land use recommendations and to have the assurance that these recommendations are correct, the reconnaissance soil survey is of vital importance in areas where there is competition for the use of the land for dry farm crops or for grazing.

# WYOMING




SOIL PRODUCTION CAPACITY - Campbell County as rated by Dept. of Soils

Dry farm land graded as to yield per acre:
15-18 bushels 1 failure in 5 years.

12-15 bushels 1 failure in 4 years.

8 - 12 bushels 1 failure in 3 years.

Grazing land graded as to carrying capacity
No. 1 grazing land, 35-40 acres per cattle unit.

No. 2 grazing land, 40-45 acres per cattle unit.

Entire county not completed.

(Special prints for: T. 49, 50, 51N - R.69, 70".
T. 48, 49N - R. 71, 72, 73W)

Constructed
10/37

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 46.8

Page 110h

LAND USE PLANNING
AREA INCLUDED IN SURVEYS LOCATING
VARIOUS USE DISTRICTS.

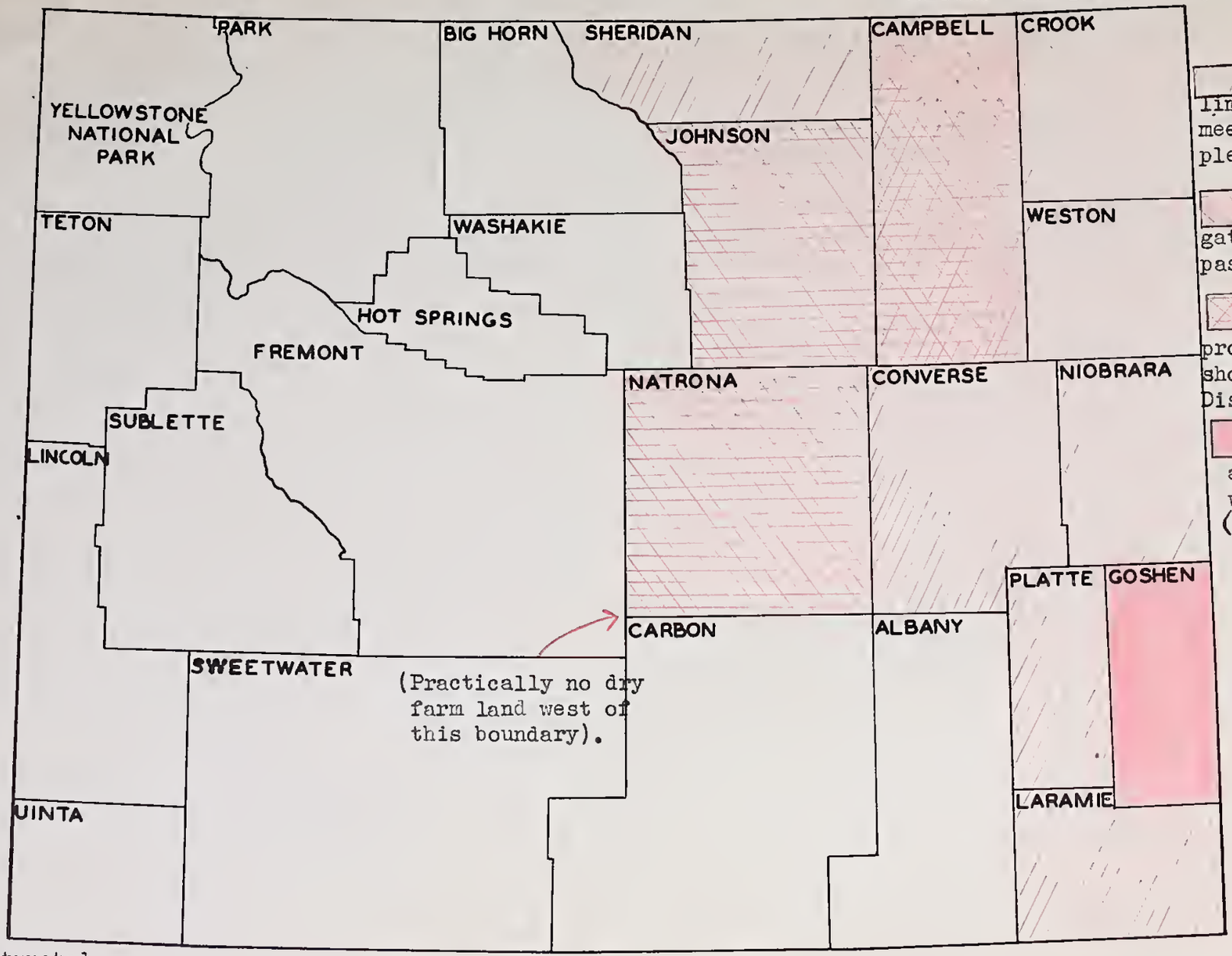
I. Information made available by Land Utilization and Rural Rehabilitation cooperating. 7-37 to 9-37.

II. Objectives and Use.

The primary consideration of this information is to place specific and applicable land use planning data in the hands of the County Rehabilitation Supervisors in order that loan activities could more adequately be placed on a basis that would promote sound land use. Also this information will be of value in planning long time land use programs.

# WYOMING

LAND USE PLANNING
LAND UTILIZATION -- RURAL REHABILITATION
Area included in surveys locating various "Use Districts".




Preliminary County meetings completed.

Only irrigated and range pasture land.

Detailed program planning showing Use Districts.

Preliminary and analysis work completed. (FSA data only)

Constructed
12/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 46.9

# WATER UTILIZATION

I. Assembled by Regional and State Office personnel of the Water Analysis Unit during the period 10-36 to 7-37.

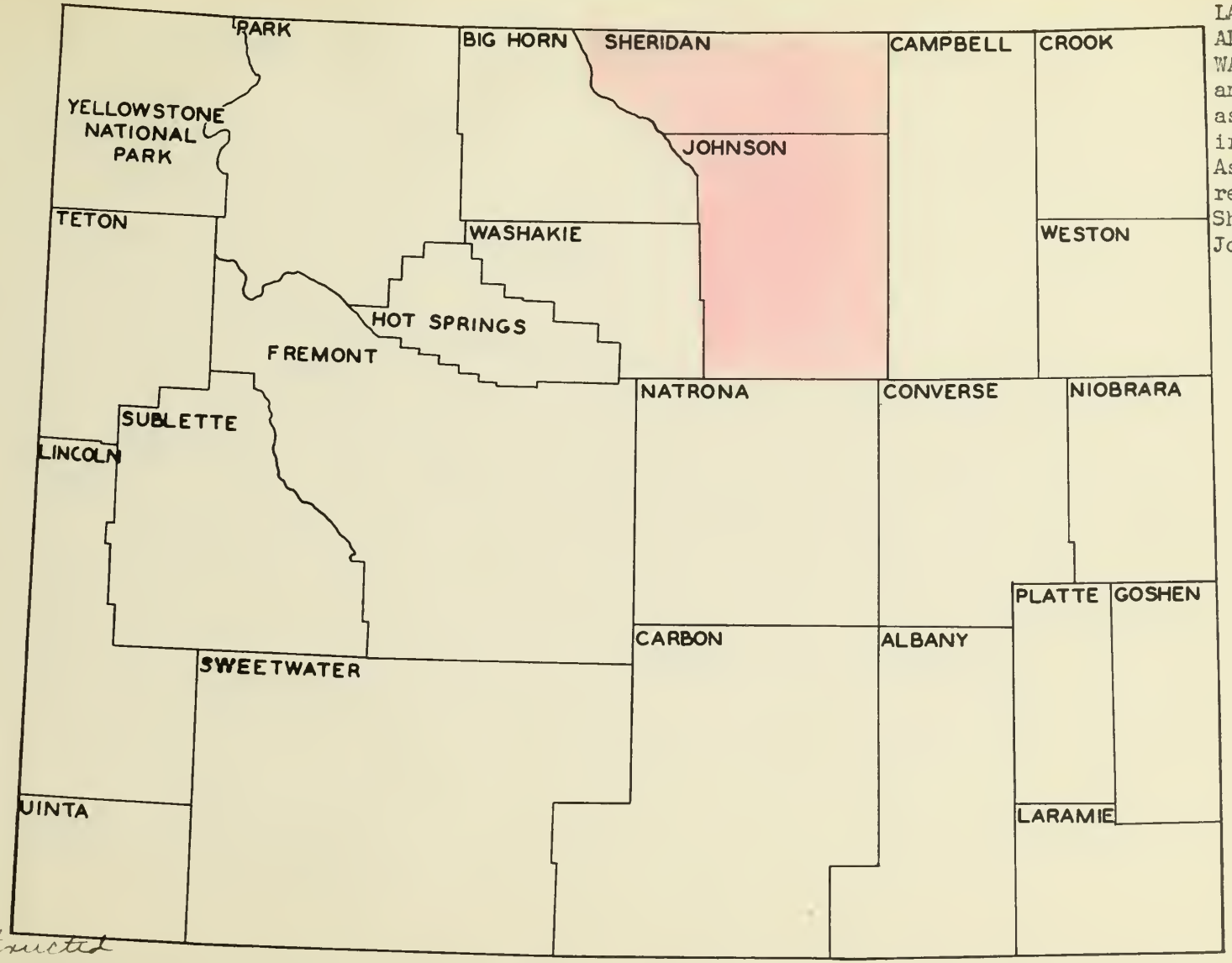
II. Objectives and Use.

The activities of the Water Utilization Unit of the Resettlement Administration included the study of the water resources of Sheridan and Johnson counties and the possibility of any irrigation by underground water in Campbell, Weston, and Crook counties.

The Preliminary Report on Water Resources of Lake DeSmet Reservoir, Johnson County, Wyoming is the result of the investigations that have been completed in Sheridan and Johnson counties to date, and deals principally with the available water supply for irrigating in these counties.

Maps showing the location of wells, and depth of water, streams, roads, railroads, etc. have been made for Campbell, Crook and Weston counties as a part of the study of underground water.

# WYOMING

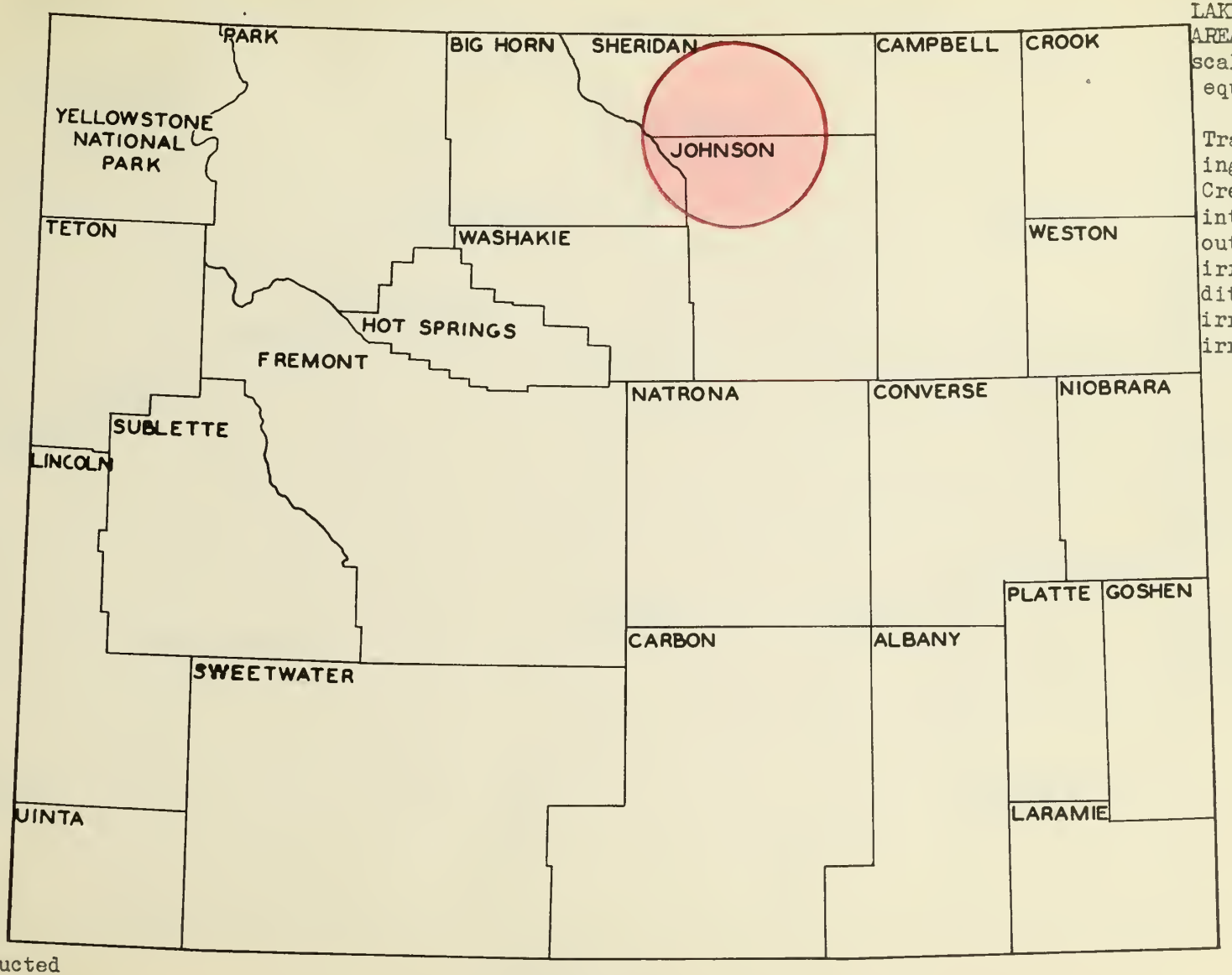



LANDS WITH ADJUDICATED WATER RIGHTS and lands assessed as irrigated from Assessor's records for Sheridan and Johnson counties.
Tracing.

Constructed 12/37

Index Map No. 49

# WYOMING




LAKE DESMET AREA
scale 2 miles equals 1 inch

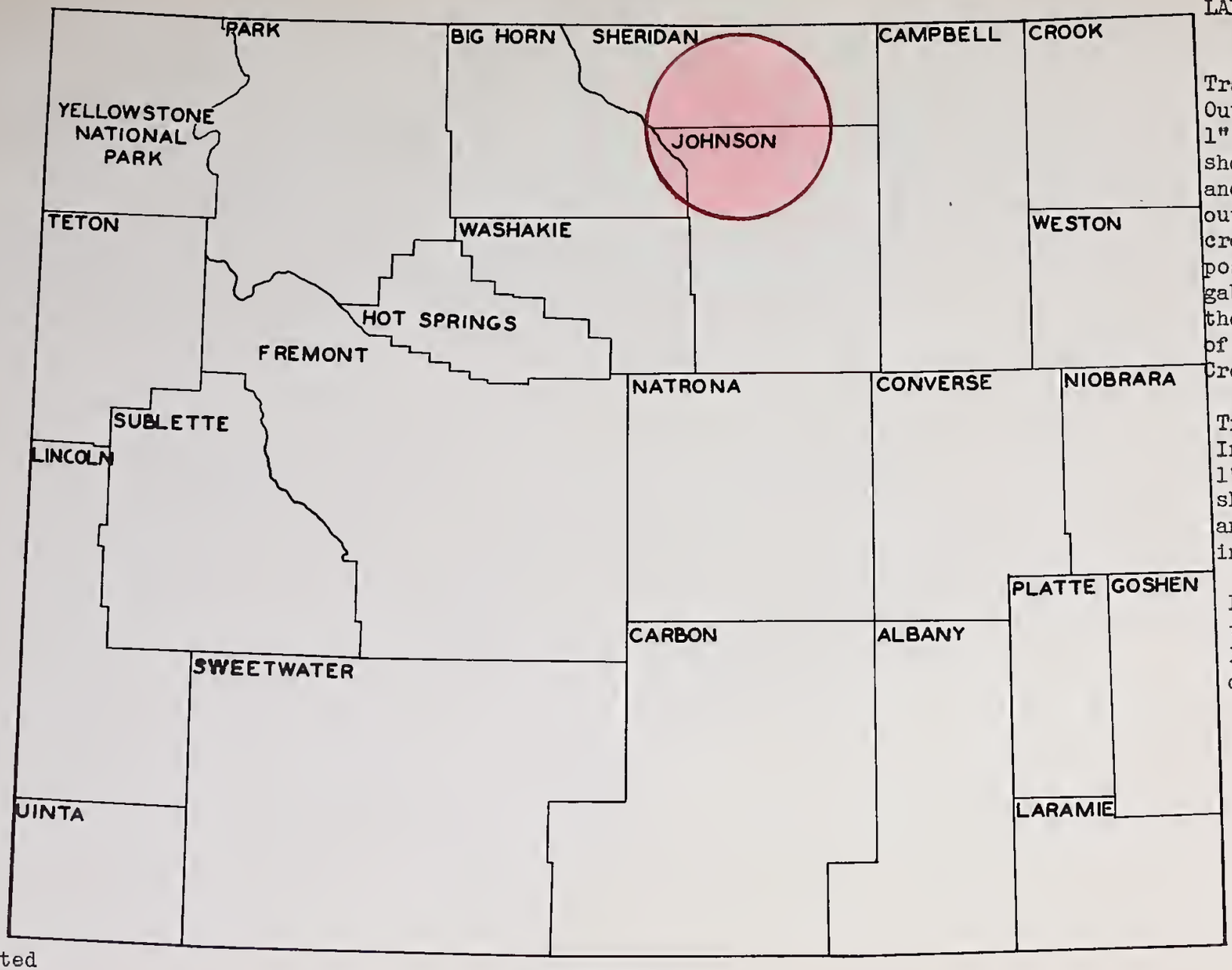
Tracing showing: Railroads, Creeks, proposed intakes and outlets, irrigation ditches, irrigable and irrigated lands.

Constructed
12/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 50

# WYOMING




LAKE DESMET AREA

Tracing of Outlets, scale 1" = 1 mile showing present and proposed outlets, ditches, creeks, and possible irrigable area on the Dow Prong of Prairie Dog Creek.

Tracing of Intakes, scale 1" = 3/4 mile showing present and proposed intakes.

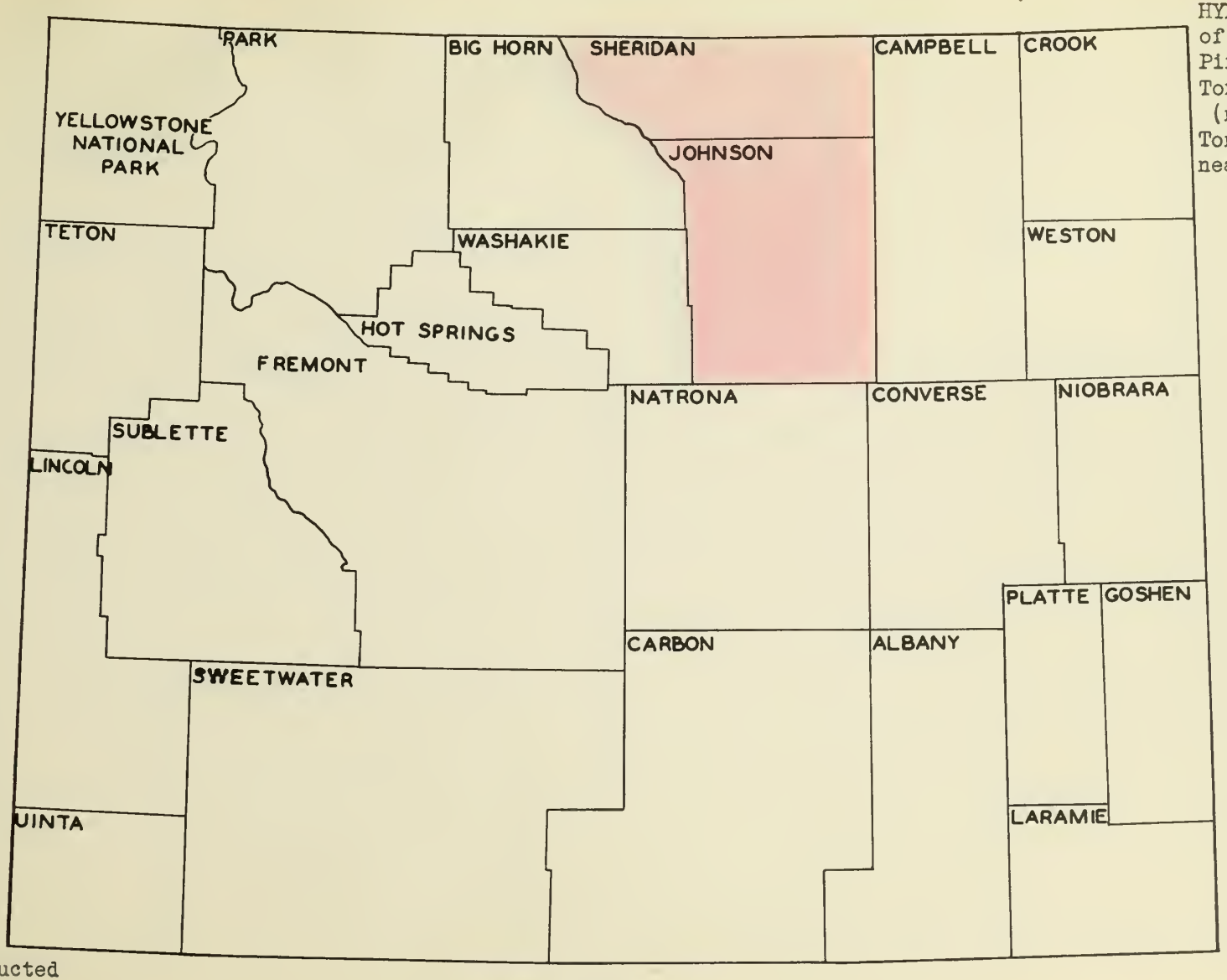
Panoramic tracing of Lake DeSmet drainage.

Constructed
12/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 51

# WYOMING



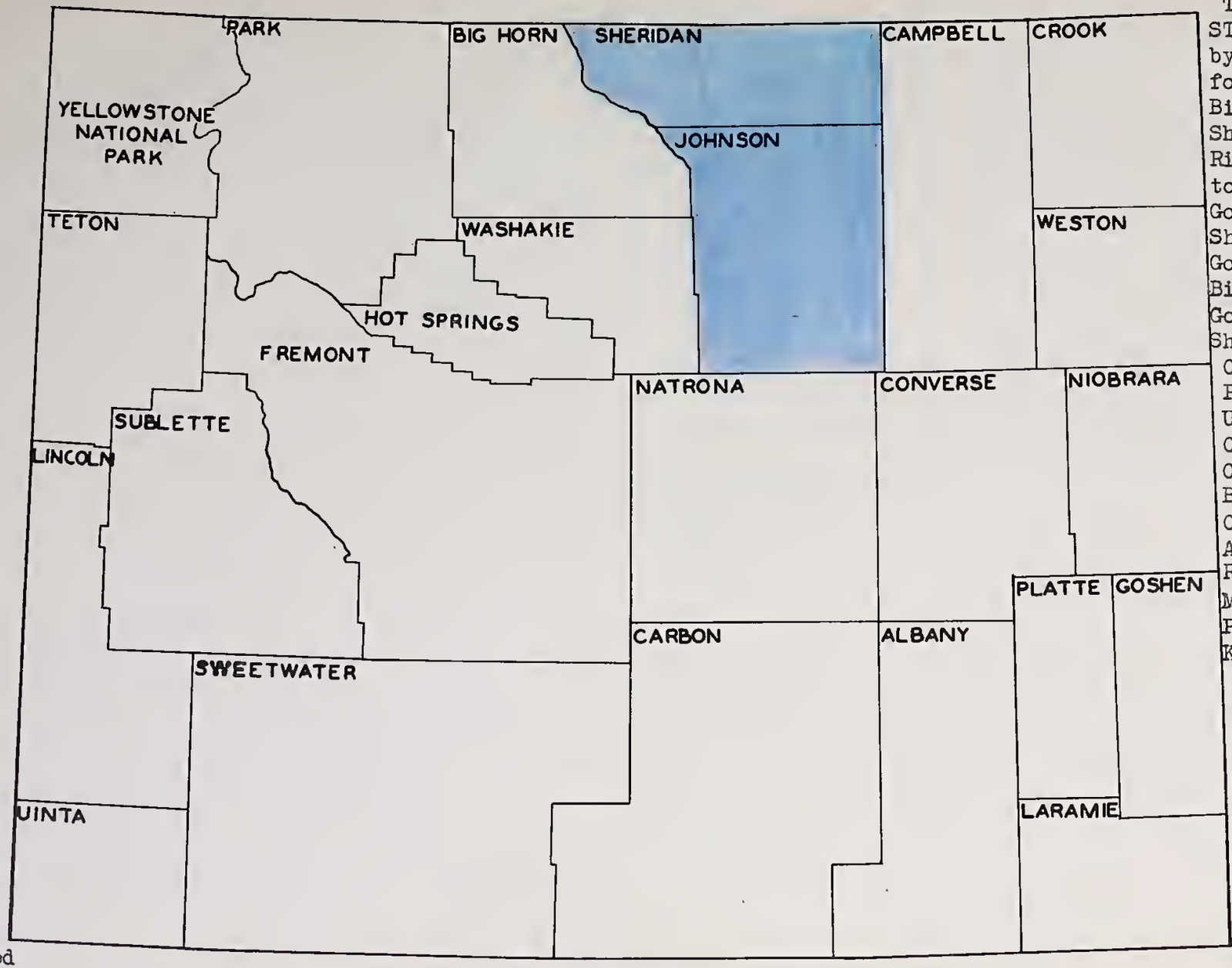

HYDROGRAPHS of Clear Creek, Piney Creek, Tongue River (near Dayton), Tongue River near Decker, Mont.

Constructed 1/38

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 52

# WYOMING



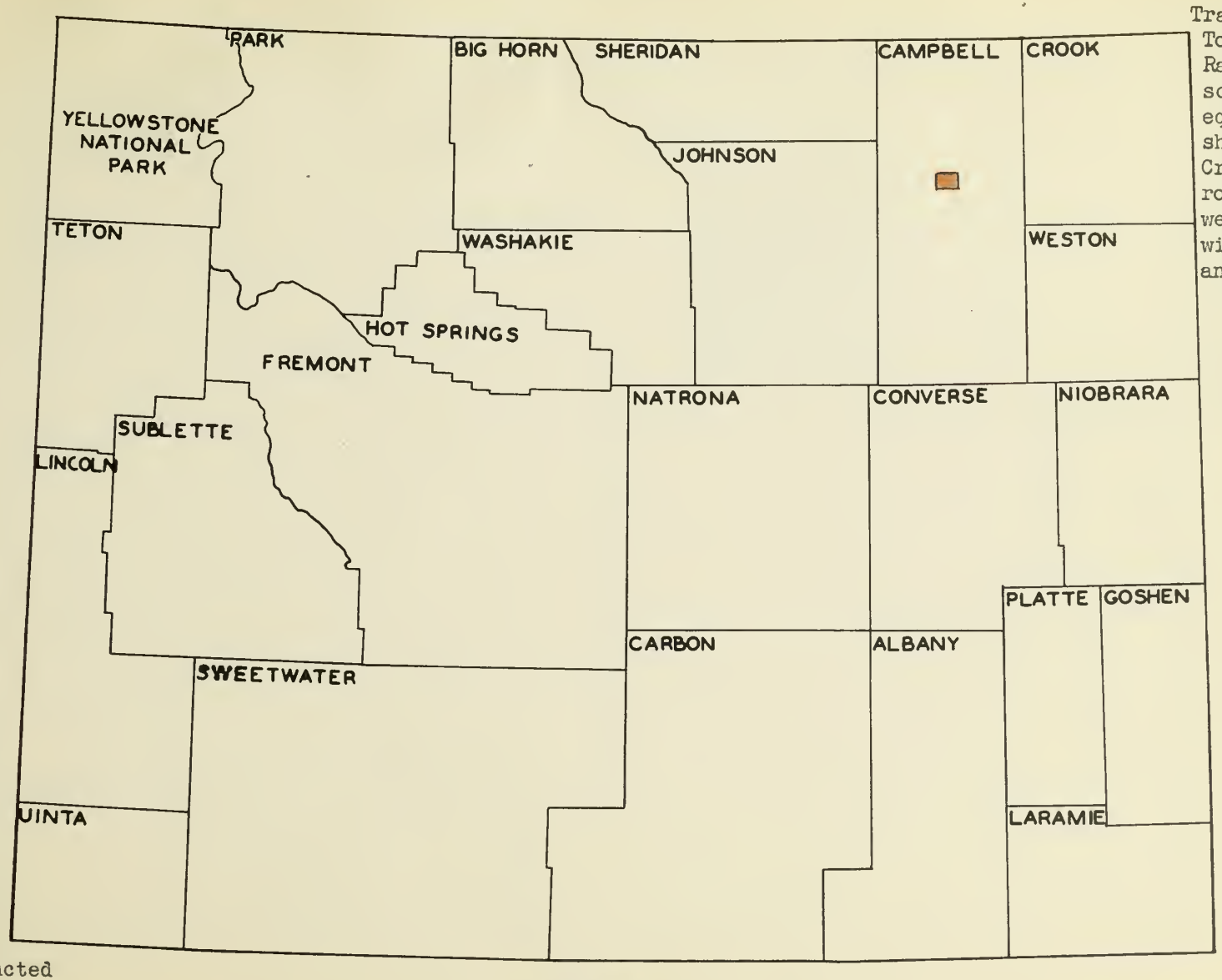

TABULATION OF STREAM GAGINGS by days for the following streams: Big Goose near Sheridan, Tongue River near Dayton, Little Goose Creek at Sheridan, Little Goose Creek near Big Horn, Big Goose Creek at Sheridan, Clear Creek at Buffalo, Piney Creek at Ucross, Piney Creek at Kearney, Clear Creek near Buffalo, Clear Creek near Arvada, Powder River at Arvada, Middle Fork Powder River near Kaycee, Red Fork near Barnum, Powder River at Kaycee, No. Fork Powder near Kaycee, Middle Fork Powder at Kaycee, Tongue near Decker, Mont., Tongue River at Carneyville, & Crazy Woman Creek near Buffalo.

Constructed 12/37

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 53

# WYOMING



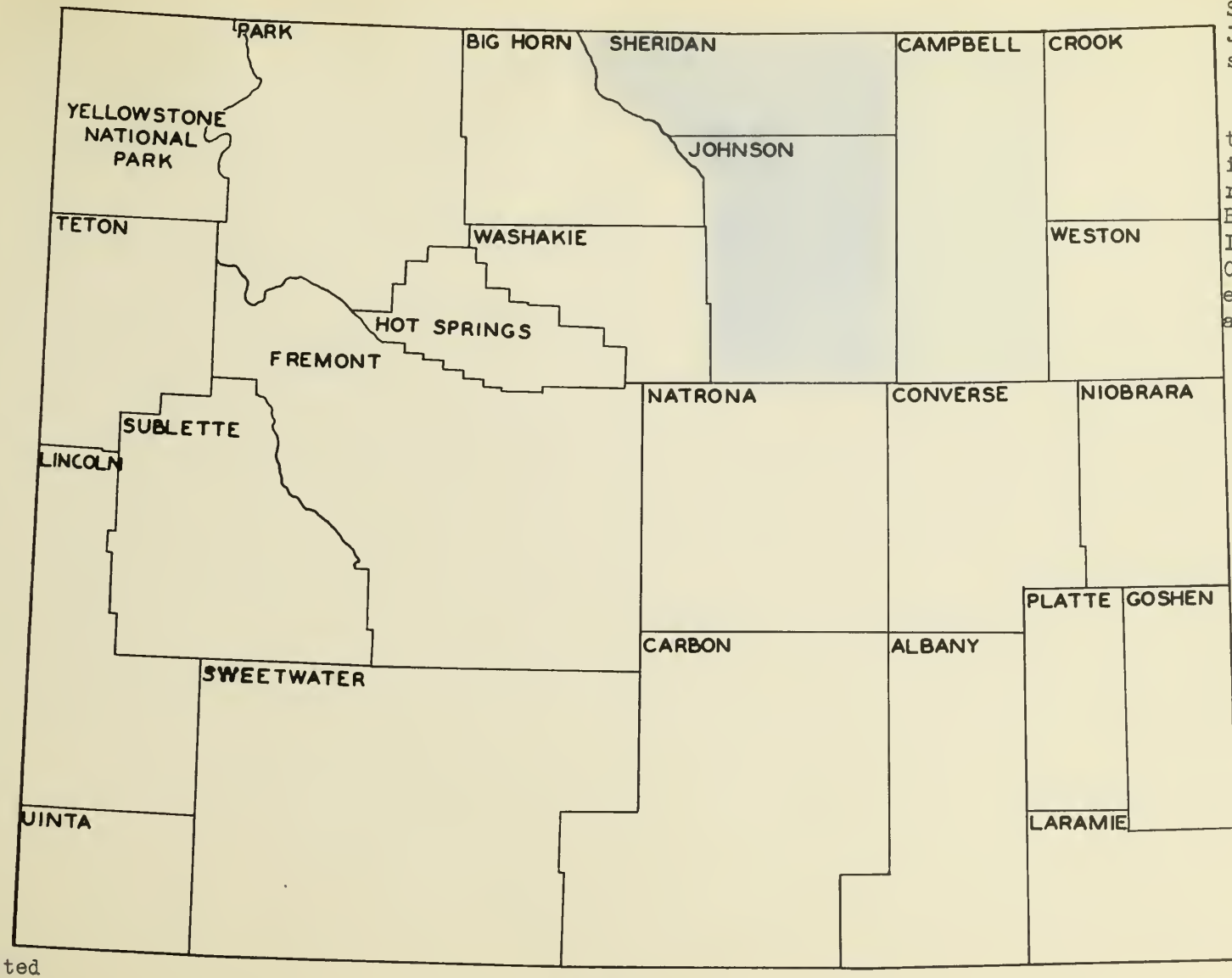

Tracing of Township 50N Range 72W scale 1/4 mile equals 1 inch showing Roads, Creeks, Railroads, and well locations with depths and elevations.

Constructed 9/37

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 54

# WYOMING




SHERIDAN AND JOHNSON COUNTIES
scale 2 miles equals 1 inch

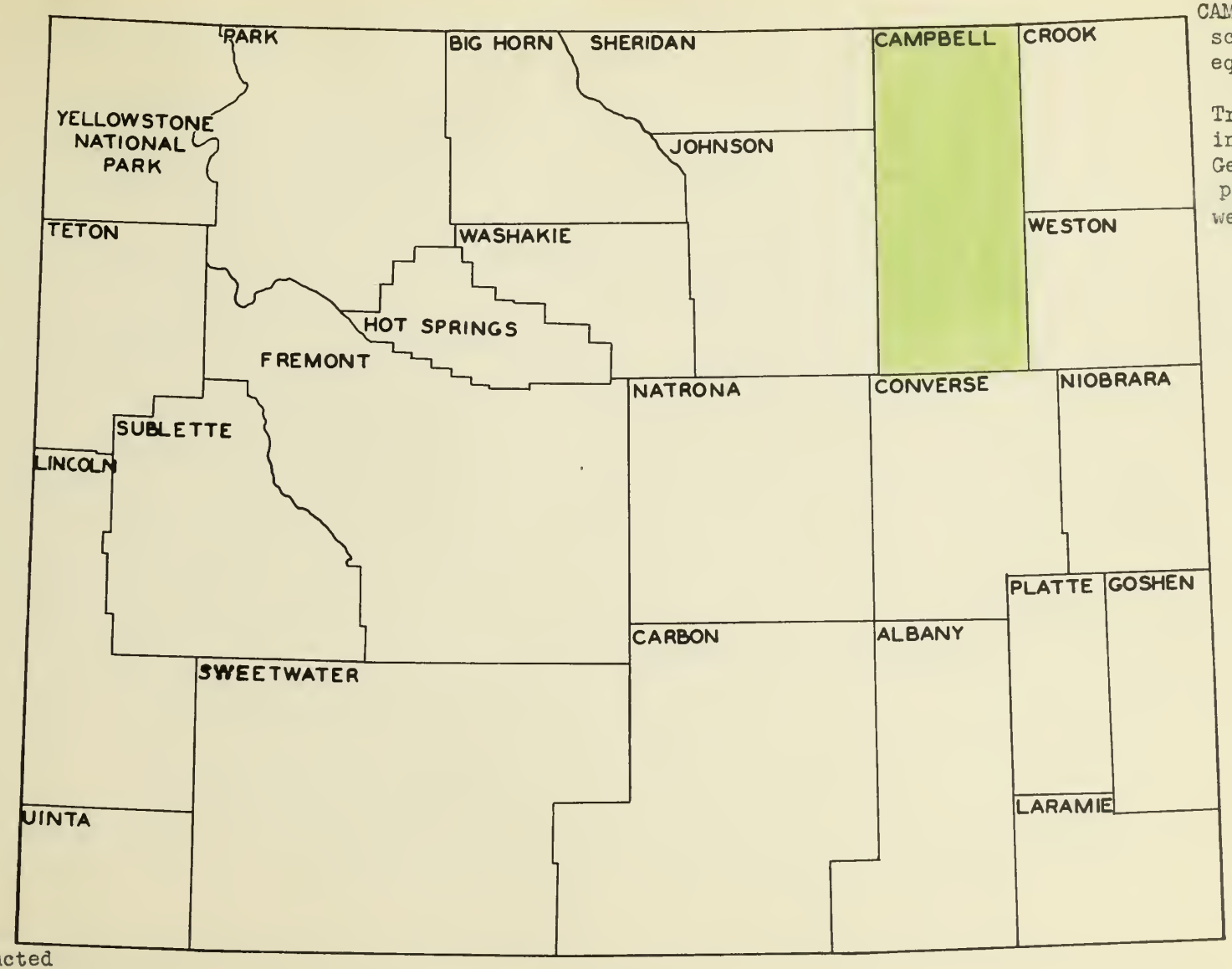
tracing showing: Railroads, roads, Forest Boundaries, Irrigation Canals, Reservoirs, Drainage basin boundaries, rivers, and villages.

Constructed
12/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 55

# WYOMING




CAMPBELL COUNTY
scale 2 miles equals 1 inch

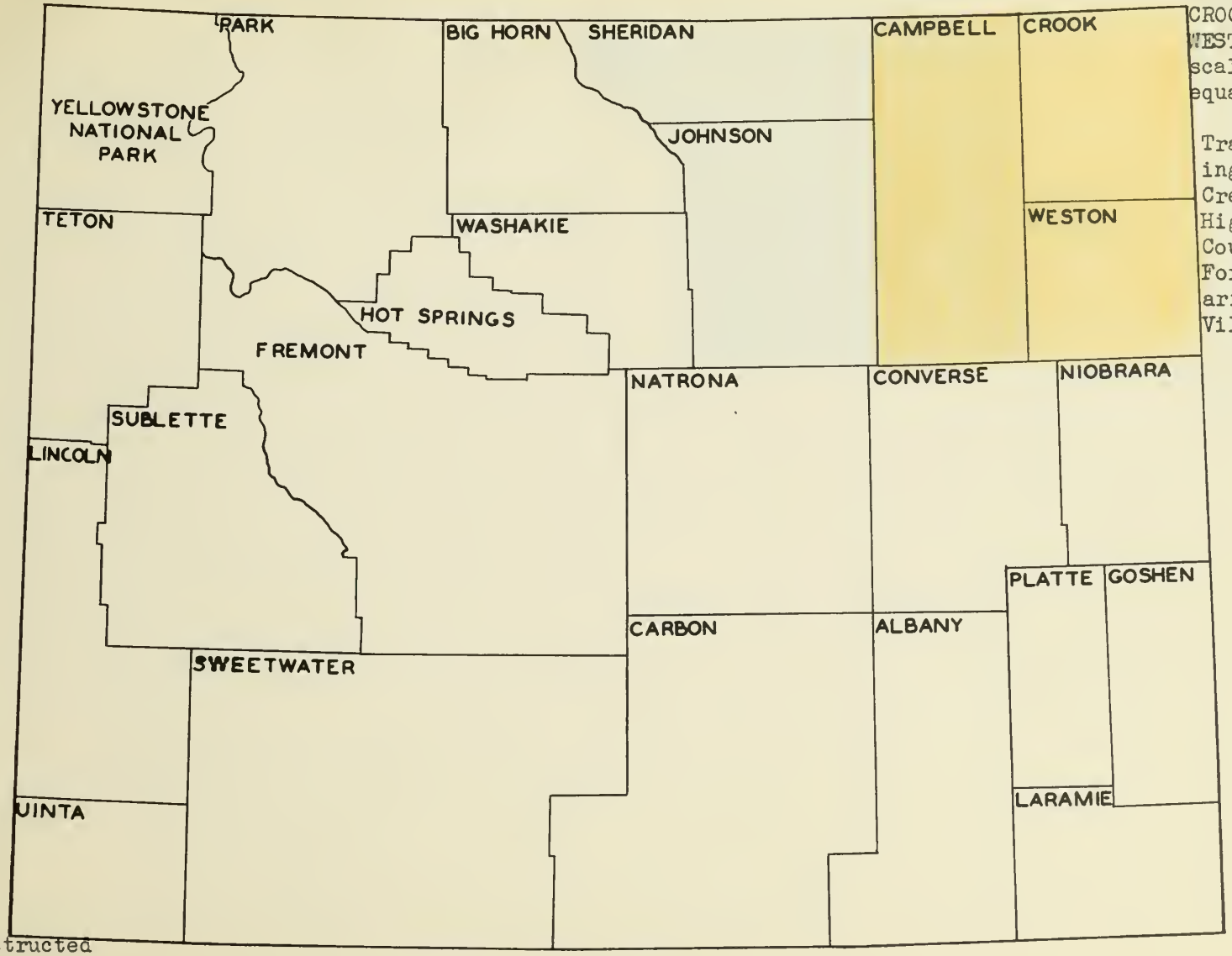
Tracing showing: Creeks, Geology, and primary well locations.

Constructed
1/38

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 56

# WYOMING




CAMPBELL, CROOK AND WESTON COUNTIES
scale 2 miles equals 1 inch

Tracings showing: Railroads, Creeks, State Highways, County Roads, Forest Boundaries and Villages.

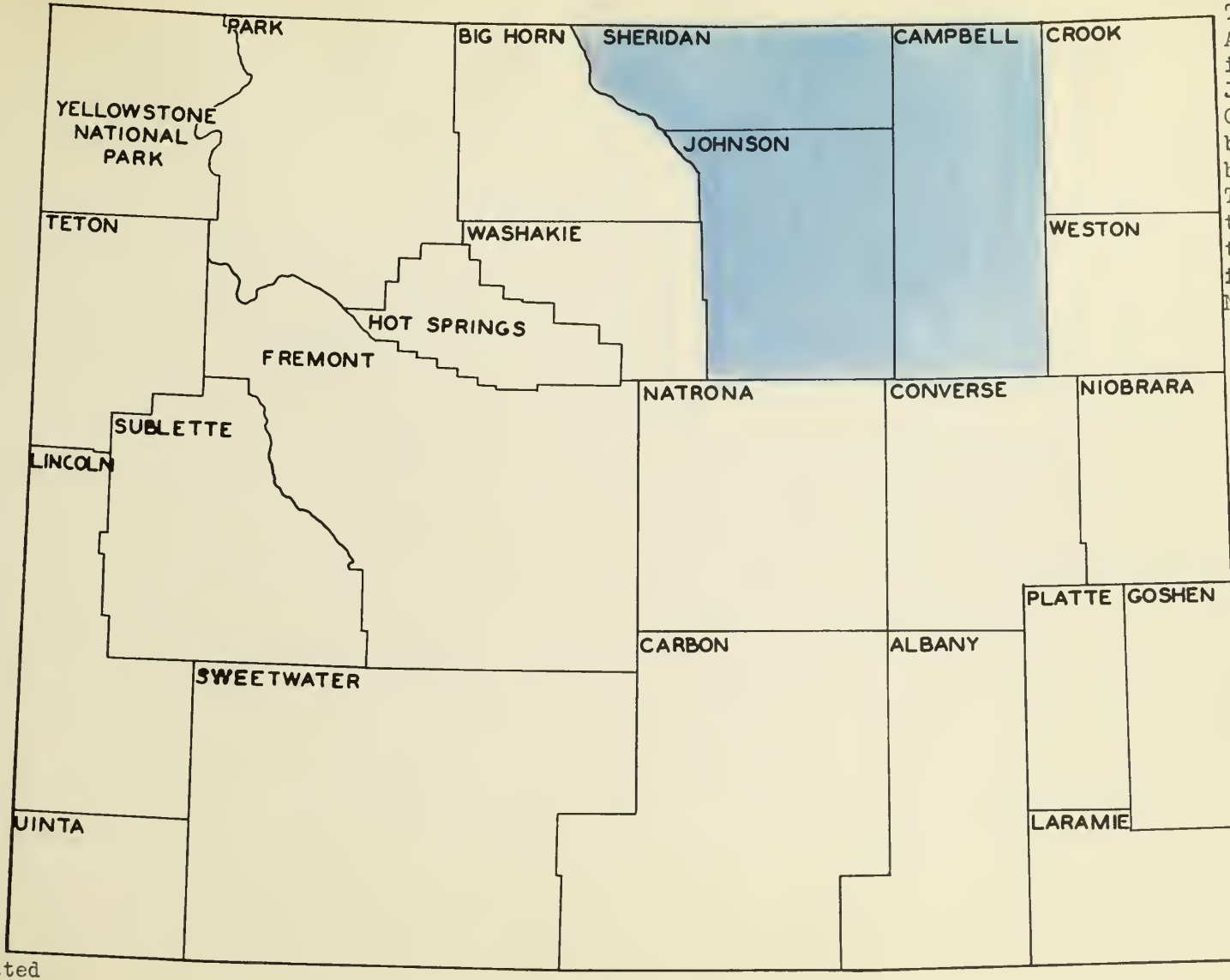
Constructed 12/37

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 57

Page 121

# WYOMING



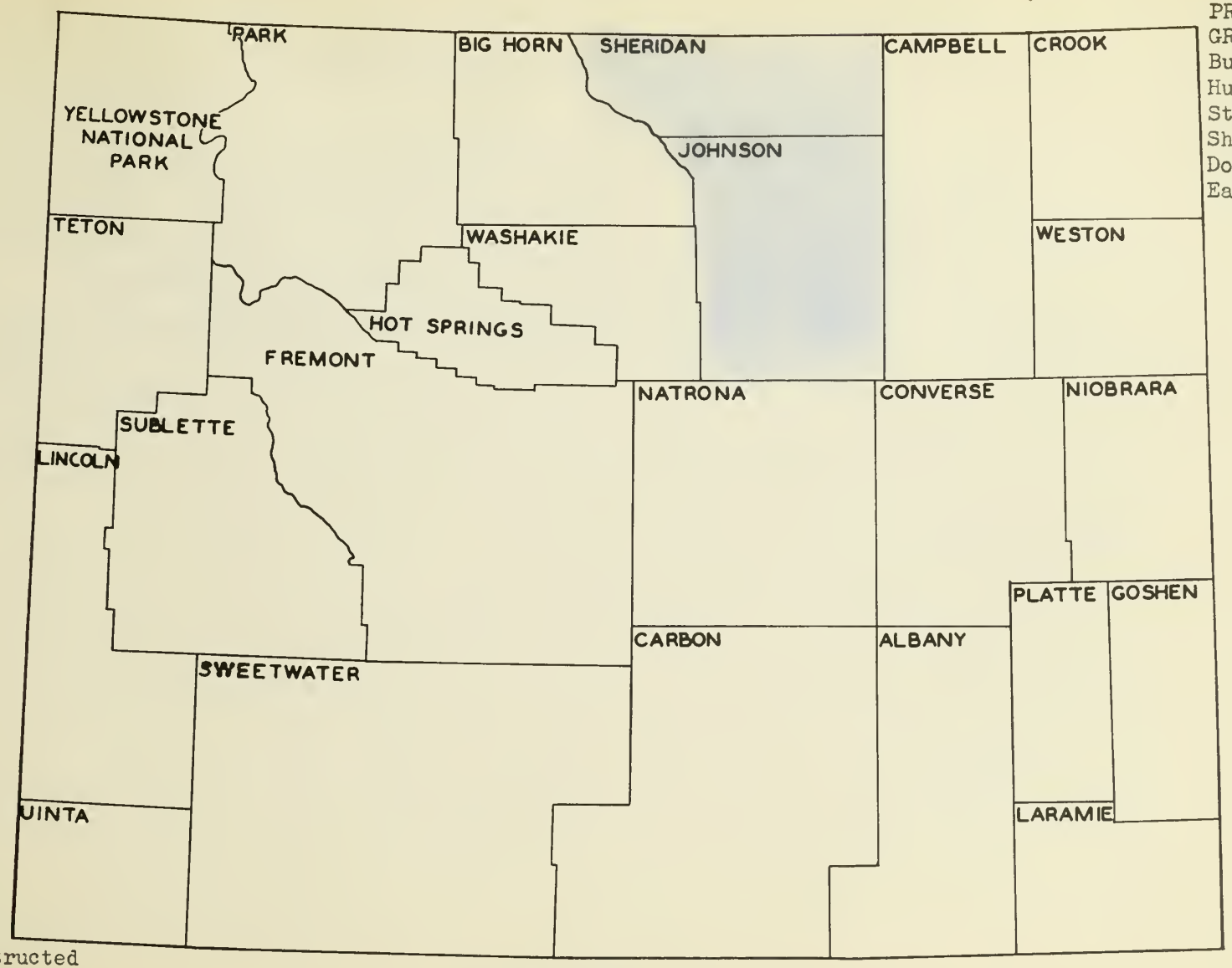

TABULATION OF ALL WATER RIGHTS in Sheridan, Johnson, and Campbell Counties by drainage basins. These tabulations give the following information: Name of ditch or reservoir, Priority date, Appropriation, and acres irrigated.

Constructed 9/37

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 58

# WYOMING




PRECIPITATION GRAPHS of Buffalo, Hunter's Station, Sheridan, Dome Lake, and Eaton's Ranch.

Constructed 10/37

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 59

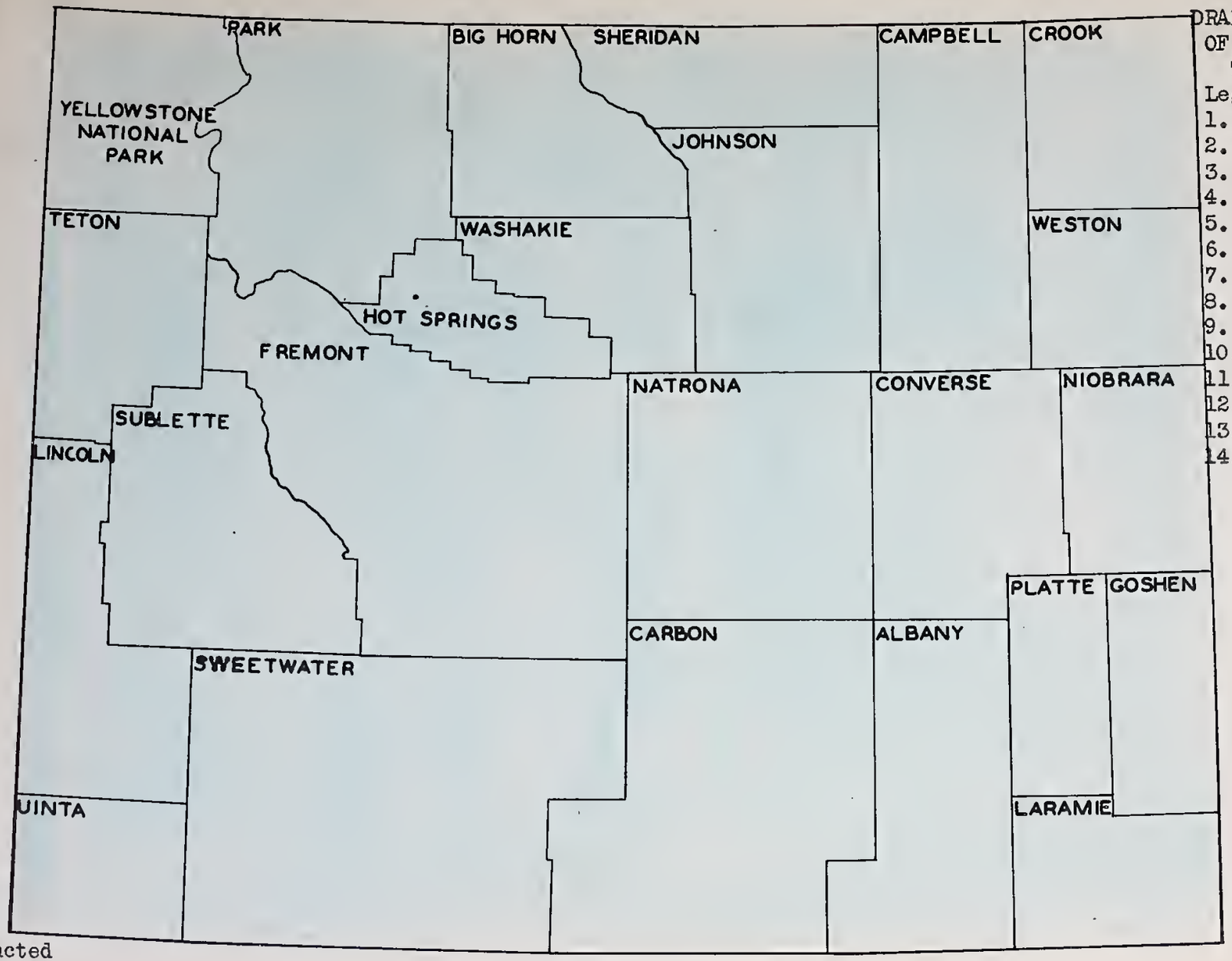
# DRAINAGE BASINS OF WYOMING

I. Arranged in office of State Land Planning Specialist

II. Objectives and use:

This information was assembled in order to have a readily available picture of the location and extent of the various drainage basins in Wyoming.

# WYOMING




DRAINAGE BASINS OF WYOMING
Tracing
Legend:
1. Madison River
2. Yellowstone "
3. Snake River
4. Bear "
5. Green "
6. Little Snake "
7. Undrained
8. Big Horn River
9. Tongue River
10. Powder River
11. Little Missouri
12. Belle Fourche
13. No. Platte
14. So. Platte

Constructed
8/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 60

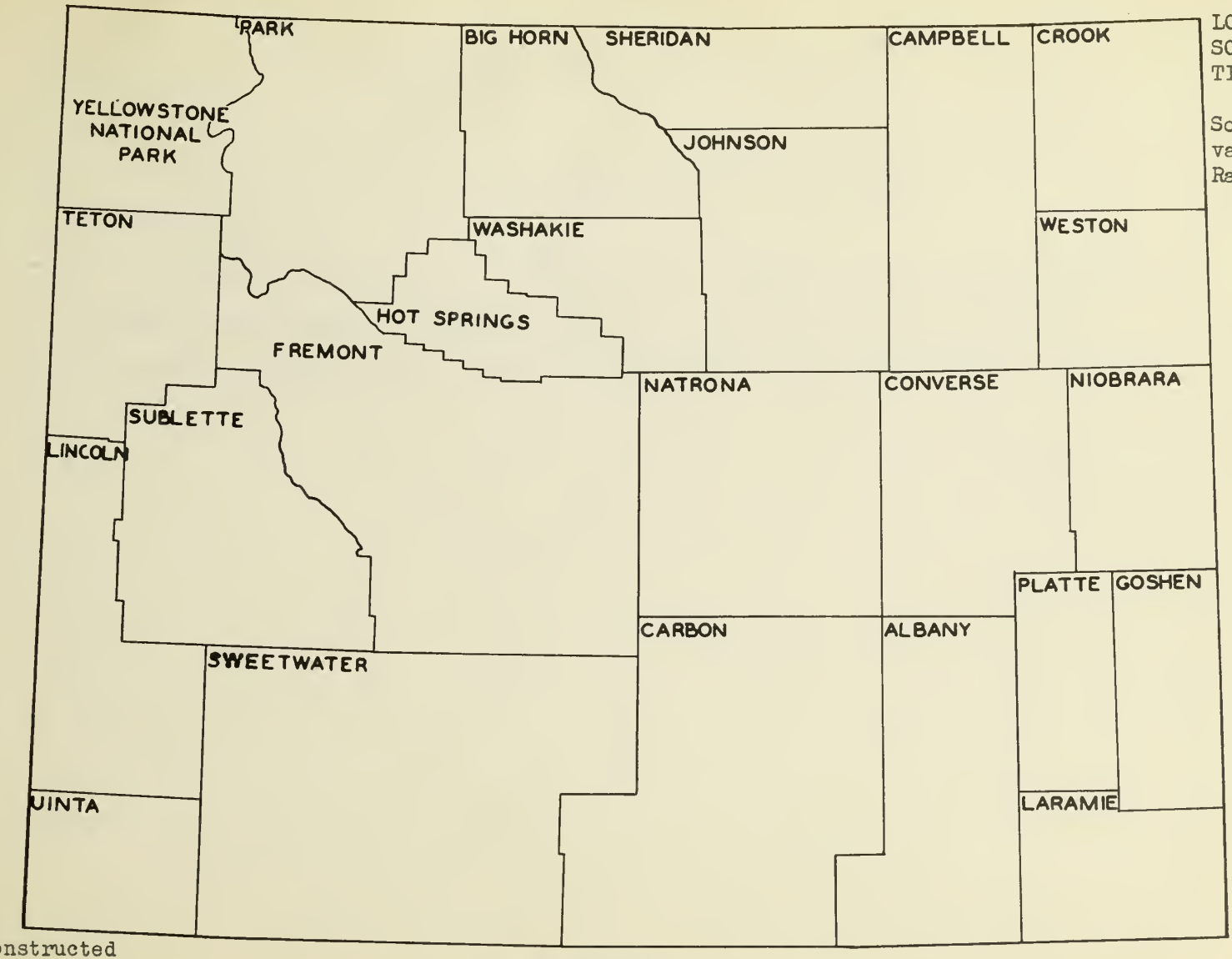
LOCATION OF SOIL CONSERVATION RESERVOIRS

I. Print obtained from Soil Conservation Service, Rapid City, South Dakota.

II. Objectives and Use

This map of the state shows the approximate location of reservoirs constructed by the Soil Conservation Service for stock water purposes. These reservoirs were built by relief clients during 1936.

# WYOMING




LOCATION OF SOIL CONSERVATION RESERVOIRS
Print.
Soil Conservation Service,
Rapid City,
So. Dakota

Constructed
10/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 61

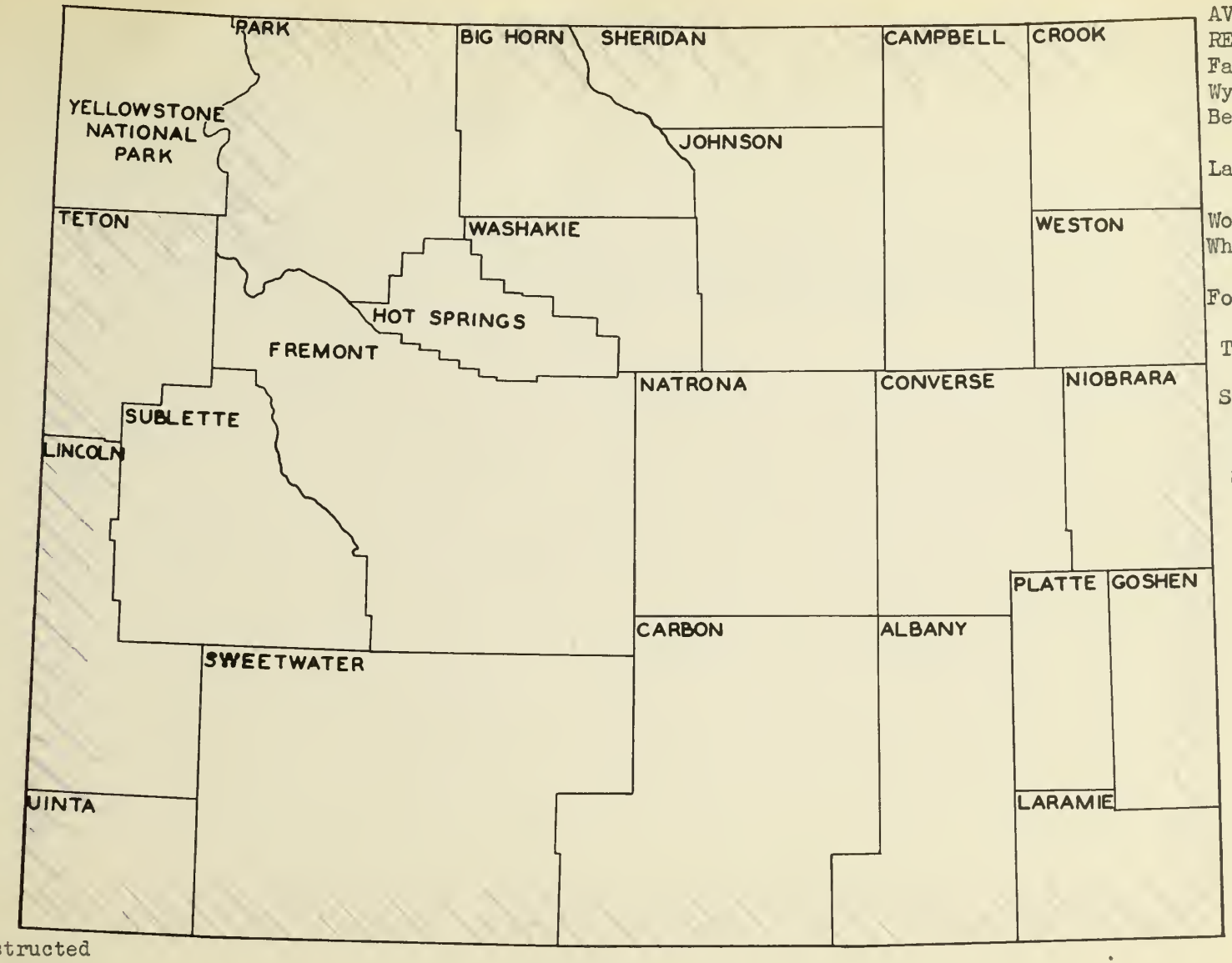
# WYOMING FARM PRICES -- BEEF, LAMBS, WOOL, AND WHEAT

I. Data assembled by the State Land Planning Specialist, April 1936.

II. Objectives and Use

This data was developed in connection with a study of the relative profitableness of beef, lambs, wool and wheat as factors influencing the expansion of dry land wheat farming. Source of data, Federal State Statistical Service.

# WYOMING




AVERAGE PRICES RECEIVED BY Farmers in Wyoming for
Beef ($ per 100 lb.)
Lamb ($ per 100 lb.)
Wool (¢ per lb.)
Wheat (¢ per bu.)

For years 1910 - 1935 Tabulations.

Source: Federal State Statistical Service 1936

Constructed 8/37

SCALE 0 5 10 20 30 40 50 MILES

Index Map No. 62

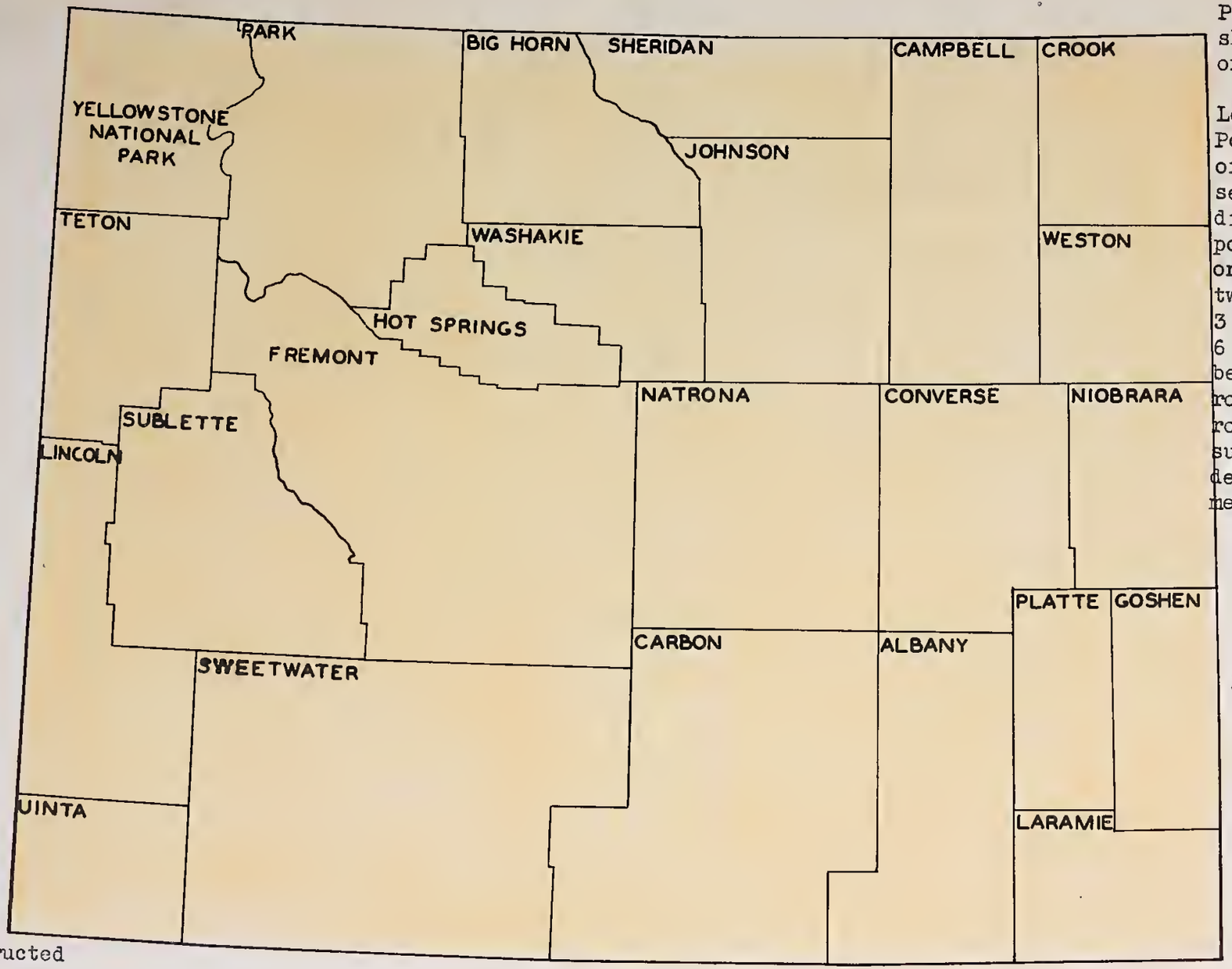
POST ROUTE MAP

I. Published by order of Postmaster J. A. Farley, April 1937.

II. Objectives and Use.

This map shows the location of all post offices and mail routes in the state. Also the number of times a week patrons obtain mail service.

# WYOMING




POST ROUTE MAP showing Post offices:

Legend:
Post office, post office county seat, post office discontinued, no post office, once a week, twice a week, 3 times a week, 6 times a week, beginning of route, end of route, special supply, rural delivery, mail messenger, railroad.

Published by order of Postmaster General, J.A. Farley.

Constructed
2/38

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 63

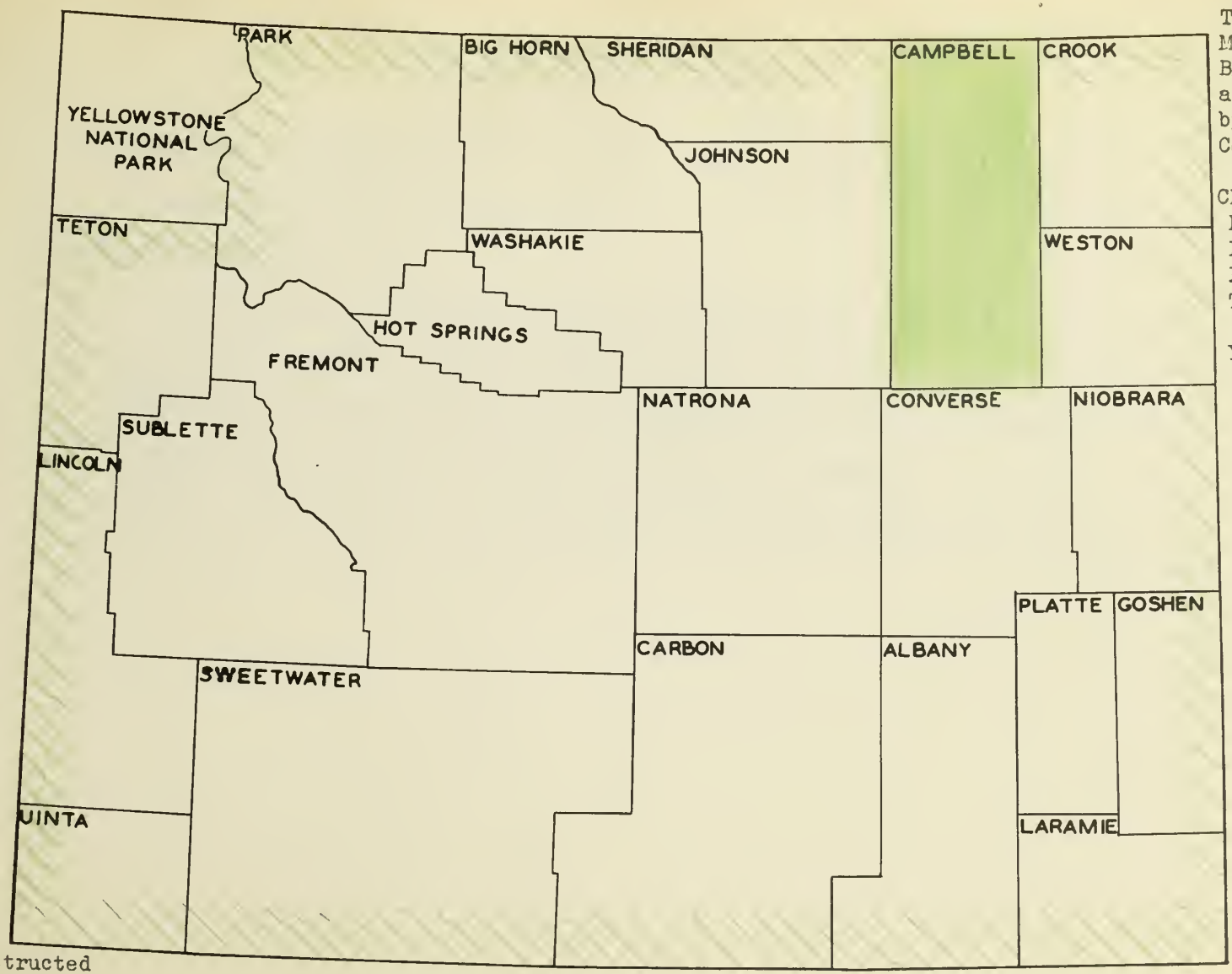
# FARM TENANCY

I. Tenure in Campbell County compared with the state as a whole as indicated by the Agricultural Census. Data assembled by the State Land Planning Specialist, May 1936.

II. Objectives and Use

This data was developed in connection with a study of Area Program Planning in Campbell County (refer to index map no. 40, page 104). The data shows the changes in tenure and tenancy which have occured from 1890 to 1935 by census years. While tenancy is not as yet an extremely significant problem in Campbell County it is becoming important in other sections of the state. A high degree of tenure tends to make for Agricultural instability. A measure of the land is promoted by the land lord's desire to produce maximum acreage of cash crops.

# WYOMING




TENURE IN WYOMING AND CAMPBELL COUNTY as indicated by Agricultural Census

Chart shows:
No. farms
Full Owners
Part Owners
Tenants

Years 1890 - 1935.

Constructed
12/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 64

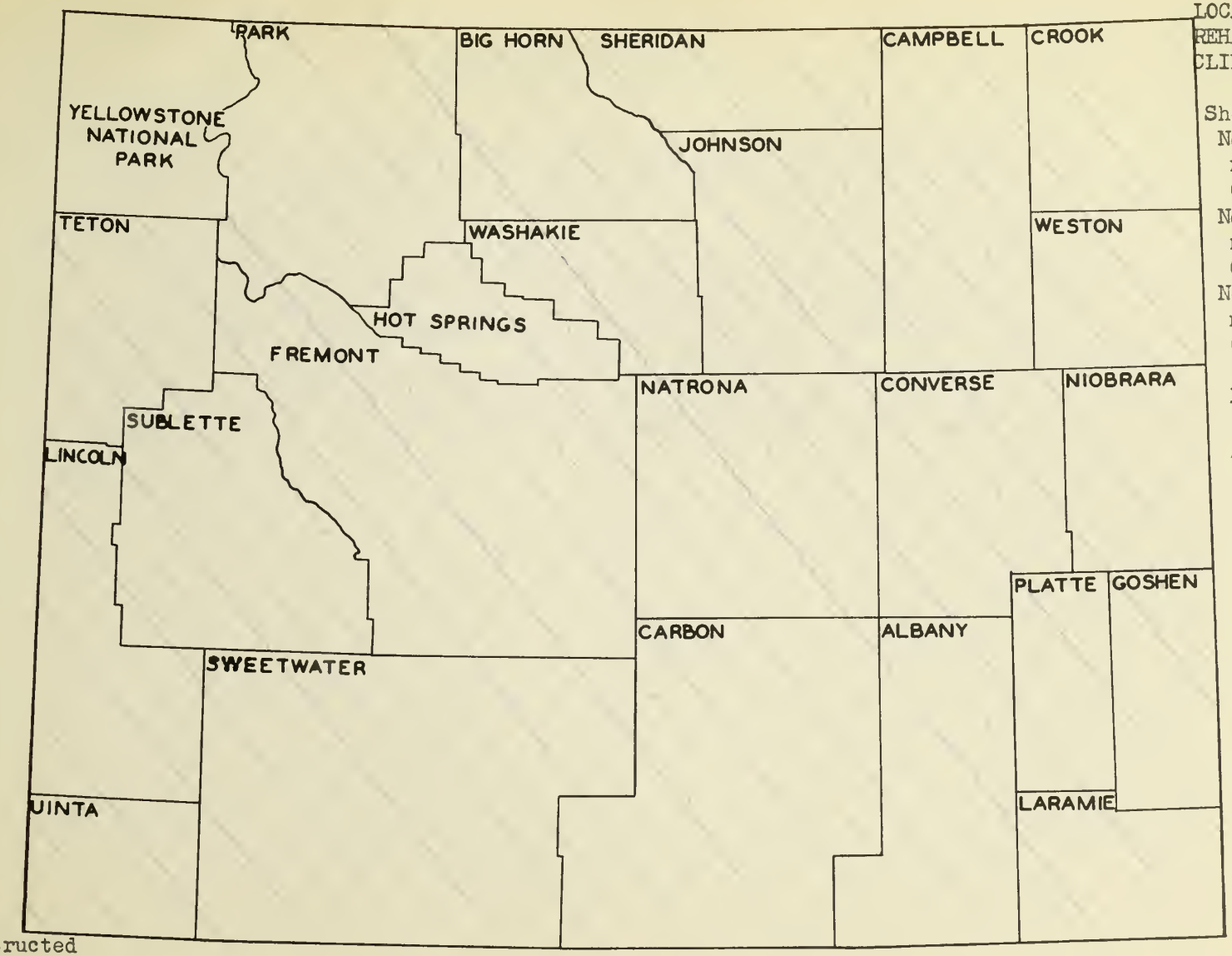
LOCATION OF VARIOUS TYPES OF
RURAL REHABILITATION CLIENTS

I. Information assembled in State and Regional office of Rehabilitation Division of Resettlement Administration.

II. Early Objectives and Use.

These data give a good picture of the location of the various kinds of Rehabilitation Clients. The information affords an opportunity to make certain associations and assumptions with land classification information as a base, in regard the reasons for the problems and methods of solution. It also has afforded an opportunity to note changes that have occured during the past year.

# WYOMING




LOCATION OF REHABILITATION CLIENTS

Showing:
No. Clients moved within County
No. clients moved from County
No. clients moved to County.

Print.

1936 - 37

Constructed
8/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 65

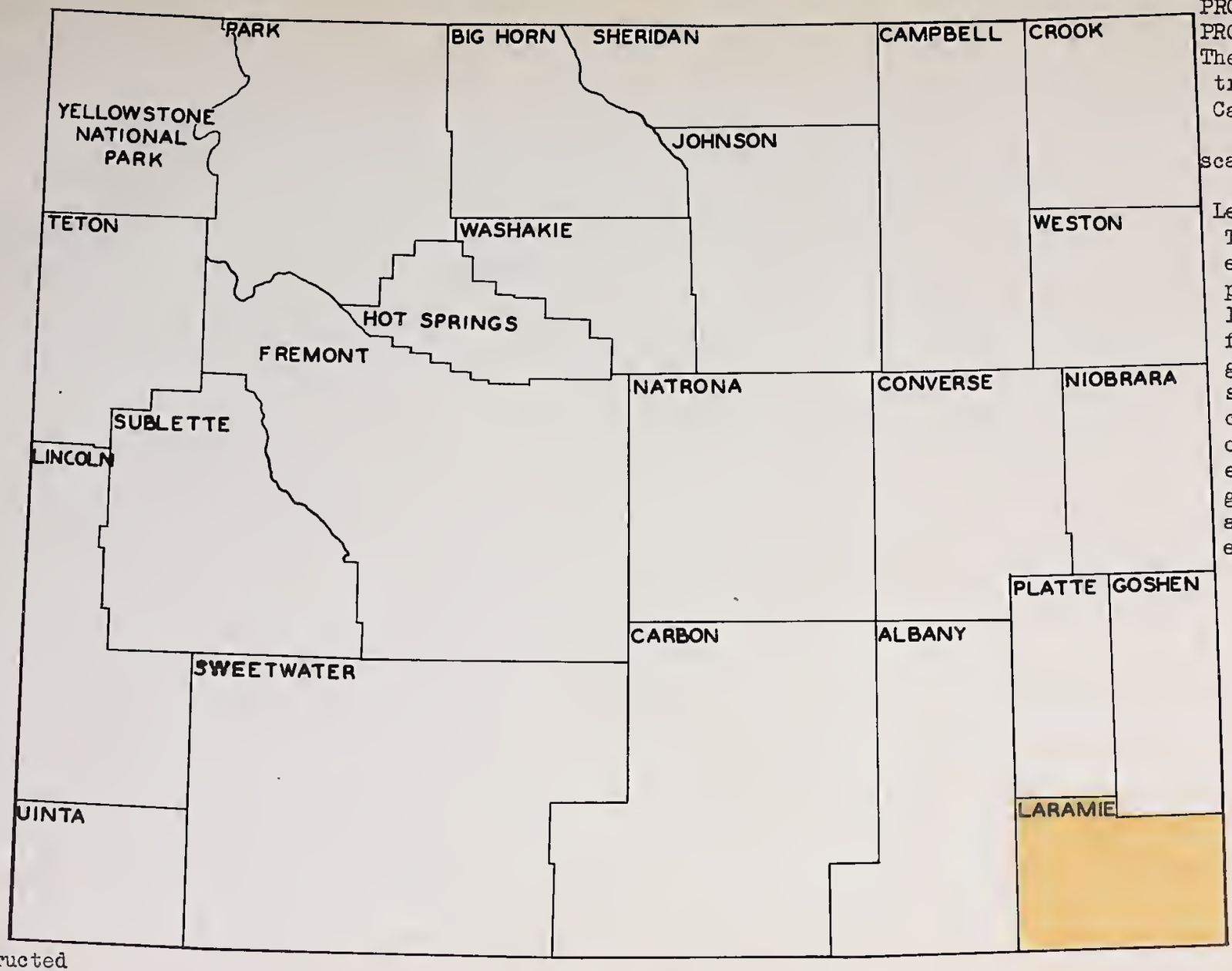
PROPOSED RURAL ELECTRICATION
ADMINISTRATION PROJECT

I. Obtained from the Rural Electric Company, Carpenter, Wyoming April, 1937.

II. Objectives and Use.

This print shows telephone lines, existing and proposed power lines, houses or farms, stores, garages, filling stations, schools, churches, post offices, and developed irrigation wells. The purpose of this project is to obtain electricity to pump water from an underground source and irrigate acreages of crops.

# WYOMING




PROPOSED R.E.A. PROJECT
The Rural Electric Co. - Carpenter, Wyo.

scale 1" = 1 mile
Print.
Legend:
Telephone lines, existing & proposed power lines, house or farm, store, garage, filling station, school, church, post office, hotel, elevator, irrigation well, and proposed electric lines.

Constructed
8/37

SCALE
0 5 10 20 30 40 50 MILES

Index Map No. 66